

20021109.qrp v02\_n735.qrl.20021109

Date: Sat, 9 Nov 2002 19:03:07 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2735

QRP-L Digest 2735

Topics covered in this issue include:

- 1) [139657] Re: Yaesu FT-817  
by "Karl F. Larsen" <k5di@zianet.com>
- 2) [139658] Re: [AQRP] Dual-Band Rock-Mite  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 3) [139659] RE: Dual-Band Rock-Mite  
by "KD5NWA" <KD5NWA@mbayona.com>
- 4) [139660] RE: Yaesu FT-817  
by Bill ROWLETT <kc4atu@yahoo.com>
- 5) [139661] Re: FS NorCal NorEaster Kit <SOLD>  
by David Gauding <david.gauding@bbs.galilei.com>
- 6) [139662] RE: FAWKES: Web Page?  
by "Dave Richards" <wr3i@earthlink.net>
- 7) [139663] Re: Where are the hounds  
by Len Reville <lenrev@ameritech.net>
- 8) [139664] RE: Yaesu FT-817  
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 9) [139665] HP95LX  
by Ed Tanton <n4xy@earthlink.net>
- 10) [139666] Re: Fox: No luck in NJ  
by "Karl F. Larsen" <k5di@zianet.com>
- 11) [139667] RE: Yaesu FT-817  
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 12) [139668] Re: Lightning/ antenna grounding  
by Fred Ringwald <fred@ringwald.org>
- 13) [139669] paralleling radials for ground mounted vertical  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 14) [139670] A Switched Pot for the Rock-Mite  
by "Bruce Prior" <n7rr@hotmail.com>
- 15) [139671] Re: Where are the hounds  
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 16) [139672] SS Report From WP4JXD  
by wp4jxd@isla.net
- 17) [139673] Re: Ground Radial Construction Tips  
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 18) [139674] Lightning/ antenna grounding  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 19) [139675] Tired hound

- by <giorgio9330@earthlink.net>
- 20) [139676] Serious QRP-L List Problems  
by "Karl F. Larsen" <k5di@zianet.com>
  - 21) [139677] Re: Ground Radial Construction Tips  
by "Norm Into" <normk8ni@neo.rr.com>
  - 22) [139678] New CrankIR portable vertical antenna  
by "Michael Melland" <w9wis@charter.net>
  - 23) [139679] Re: Yaesu FT-817  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
  - 24) [139680] Re: Yaesu FT-817  
by Jerry Lofstead <w3cde@bellsouth.net>
  - 25) [139681] FS/FT KITS  
by ARDUJENSKI@aol.com
  - 26) [139682] Code Speed & Contests...  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
  - 27) [139683] ot -- web sites and the visually impaired  
by Gary Lee <kb9zuv@arrl.net>
  - 28) [139684] FT-817 worth at sunspot nadir  
by "Mark" <m2steven@bellsouth.net>
  - 29) [139685] Re: Code Speed & Contests...  
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
  - 30) [139686] Re: FT-817 worth at sunspot nadir  
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
  - 31) [139687] Re: Code Speed & Contests...  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
  - 32) [139688] Re: Tired hound  
by Lew Paceley <lew@paceley.com>
  - 33) [139689] Re: Code Speed & Contests...  
by George Fremin III - K5TR <geoiii@kkn.net>
  - 34) [139690] FOX: re: WD7Z Prelim Log  
by Tim Groat <tcgroat@earthlink.net>
  - 35) [139691] Re: Code Speed & Contests...  
by George Fremin III - K5TR <geoiii@kkn.net>
  - 36) [139692] Sweeps - Burst noise vs. simply weak sigs (fwd)  
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
  - 37) [139693] Re: Contest Antennas and SS REcords - LONG  
by Bob Patten <n4bp@netzero.net>
  - 38) [139694] Re: Tired hound  
by <giorgio9330@earthlink.net>
  - 39) [139695] Supplement to Rock-Mite Kit Instructions  
by "Bruce Prior" <n7rr@hotmail.com>
  - 40) [139696] Re: Serious QRP-L List Problems  
by "John J. McDonough" <wb8rcr@arrl.net>
  - 41) [139697] Re: Serious QRP-L List Problems  
by W2AGN <w2agn@w2agn.net>
  - 42) [139698] Re: FT-817 worth at sunspot nadir  
by Bill ROWLETT <kc4atu@yahoo.com>
  - 43) [139699] Re: FT-817 worth at sunspot nadir

- by W2AGN <w2agn@w2agn.net>
- 44) [139700] FS: Ten Tec Delta II  
by "NZ8J" <nz8j@woh.rr.com>
- 45) [139701] Re: Where are the hounds  
by "Stephen King" <frstephenk@stfrancishigh.org>
- 46) [139702] Re: Yaesu FT-817  
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
- 47) [139703] Re: Yaesu FT-817  
by "Jess Gypin" <jessmx5@earthlink.net>
- 48) [139704] Fox hunt teams, anyone need another..  
by Fred Lesnick <flesnick@tbaytel.net>
- 49) [139705] Re: Fox hunt teams, anyone need another..  
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 50) [139706] Re: Ground Radial Construction Tips  
by "James R. Duffey" <jamesd1@flash.net>
- 51) [139707] Propagation During the Sunspot Minimum  
by "James R. Duffey" <jamesd1@flash.net>
- 52) [139708] Fox: Final Fox Log WD7Z Nov 7 2002  
by Dave Fuller <rfgdma@spinn.net>
- 53) [139709] Re: Fox hunt teams, anyone need another..  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 54) [139710] Re: Ground Radial Construction Tips  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 55) [139711] Re: Fox hunt teams, anyone need another..  
by Fred Lesnick <flesnick@tbaytel.net>
- 56) [139712] Limiting IF Amplifier and CW  
by "James R. Duffey" <jamesd1@flash.net>
- 57) [139713] Re: Serious QRP-L List Problems  
by "Mike Yetts" <myetts@insydesw.com>
- 58) [139714] Re: Serious QRP-L List Problems  
by Fghester@aol.com
- 59) [139715] Re: Serious QRP-L List Problems  
by "John J. McDonough" <wb8rcr@arrl.net>
- 60) [139716] Re: Serious QRP-L List Problems  
by "Brian" <brian@iquest.net>
- 61) [139717] Argonaut V message from TenTec  
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 62) [139718] Re: Serious QRP-L List Problems  
by "George, W5YR" <w5yr@att.net>
- 63) [139719] FS: 20 Watt Amp kit  
by K5BDZ@aol.com
- 64) [139720] Re: Argonaut V message from TenTec  
by k2pq <k2pq@comcast.net>
- 65) [139721] for trade: Ten-Tec 509 w/208 cw filter  
by "Jim" <ku4qw@yahoo.com>
- 66) [139722] Surplus Parts for Sale  
by "Brian" <brian@iquest.net>
- 67) [139723] Re: Limiting IF Amplifier and CW

- by "Bob Tellefsen" <n6wg@earthlink.net>
- 68) [139724] FS/FT: QRP 20 watt linear amp kit  
by K5BDZ@aol.com
- 69) [139725] Modern/Instant Classics?  
by Frank Brickle <brickle@pobox.com>
- 70) [139726] Re: Limiting IF Amplifier and CW  
by "John J. McDonough" <wb8rcr@arrl.net>
- 71) [139727] Lost files  
by Jim Larsen - AL7FS <jimlarsen2002@alaska.net>
- 72) [139728] Re: Serious QRP-L List Problems  
by "John J. McDonough" <wb8rcr@arrl.net>
- 73) [139729] RE: Serious QRP-L List Problems  
by "Tom Frisz - N9DD" <N9DD@attbi.com>
- 74) [139730] Re: Lost files  
by Jim Larsen - AL7FS <jimlarsen2002@alaska.net>
- 75) [139731] Beacon Question  
by "Richard Johnson" <richard\_johnson@credence.com>
- 76) [139732] Re: Serious QRP-L List Problems  
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 77) [139733] Re: Beacon Question  
by John Zaruba Jr <jzaruba@mac.com>
- 78) [139734] Re: Beacon Question  
by "Brian" <brian@iquest.net>
- 79) [139735] Re: Beacon Question  
by W2AGN <w2agn@w2agn.net>
- 80) [139736] Re: Beacon Question  
by "Pat J. Whelton" <pwhelton@hal-pc.org>
- 81) [139737] Re: Limiting IF Amplifier and CW  
by Steven Weber <kd1jv@moose.ncia.net>
- 82) [139738] KITS: Intelligent (uP based) battery volt monitor  
by Steven Weber <kd1jv@moose.ncia.net>
- 83) [139739] FS - TenTec Omni D  
by n5ib@juno.com

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Date: Fri, 8 Nov 2002 14:04:46 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: w3cde@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139657] Re: Yaesu FT-817  
Message-ID: <Pine.LNX.4.44.0211081355240.10046-100000@Bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jerry, With the Radio Turned Off and fully charged battery in the 817 I measured the voltage at the power input jack and it was 0.15 Volts. I

then shorted out the power input jack with the same meter but in a 100 milliamp range and the needle just moved off of zero a hairs width.

So if there is a well documented drain I'm unable to find it. I need to say I have rechargeable nicad batteries in my radio. There \*might\* be a difference if I was using the battery tray supplied for un-rechargeable batteries.

Please tell me what page in the owner's manual it says there is a drain. I will read it myself.

On Fri, 8 Nov 2002, Jerry Lofstead wrote:

```
>
> Karl,
>
> If you posses such a thing as a VOM, attach an external power
> supply with batteries installed in the Xcvr. Turn the radio
> and PS OFF. Now measure battery drain, the YAESU documented
> battery drain!..... Remove the PS and measure the documented
> NO DRAIN from the batteries...
>
> Jerry
> W3CDE
>
>
> "Karl F. Larsen" wrote:
> <SNIP>
> >
> > The recient chatter about a internal battery loosing power is
> > not correct in my radio or any other un-modified 817. The schematic
> > shows how the battery is hooked to the radio and it will not be
> > discharged ever with the main power plug removed and the radio turned
> > off. I have no idea how this was started.
> >
> > On other lists the current chatter is about how your better off
> > waiting and saving your money until you can buy an 817. And I have seen
> > them for sale new at $619.00 and the company will ship free.
> >
> > They show up here for sale usually because the owner has big
> > hands and can't work the small buttons. My hands are part of a 6'4" body
> > that played football in college (on the line) and my hands are about as
> > big as they come. I have no problem at all with the 817, but find it's
> > best to use frequency lock because my big hands do change tuning by
> > accident.
> >
```

> >           This is my primary rig. It is not perfect, but it's very close.  
> >  
> > --  
> >  
> >                 - Karl Larsen k5di Las Cruces,NM Az ScQRPions -  
>  
>  
--

                  - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Fri, 8 Nov 2002 18:04:53 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <AQRP@yahoogroups.com>, <qrp-l@lehigh.edu>,  
      "Monty N5FC" <n5fc@io.com>  
Subject: [139658] Re: [AQRP] Dual-Band Rock-Mite  
Message-ID: <000d01c28783\$a18022b0\$4e100a0a@rohredt2000>

Monty,  
You do great work, and another neat packaging idea! Congratulations!  
Two Rock Mites in minimal height, pretty clever but straightforward  
conversion. Good to know the one band board does not cause any problems  
while the other is operating.  
72, Stuart K5KVH

-----  
Date: Fri, 8 Nov 2002 17:53:57 -0600  
From: "KD5NWA" <KD5NWA@mbayona.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139659] RE: Dual-Band Rock-Mite  
Message-ID: <ODEHLGCFKOMOKMFFMBCLME0ECBAA.KD5NWA@MBayona.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Awesome, who will try for a five band model?

> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> Monty N5FC

> Sent: Friday, November 08, 2002 5:36 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Dual-Band Rock-Mite  
>  
>  
> Hi Gang!  
>  
> Well, somebody had to do it... took two Rock-Mites and put them in a  
> custom enclosure to make a dual-band rig.  
>  
> First 20 Meter QSO: 4000 miles-per-watt, Rock-Mite to Rock-Mite  
> First 40 Meter QSO: 1750 miles-per-watt.  
>  
> What a performer!  
>  
> Take a look-see:  
>  
> <http://www.io.com/~n5fc/rockmite.html>  
>  
> 72,  
> monty N5FC  
>  
>  
> Monty Northrup, N5FC  
> Austin, Texas  
> e-mail: [n5fc@io.com](mailto:n5fc@io.com)  
> web page (ham radio): <http://www.io.com/~n5fc>  
> web page (home): <http://www.io.com/~maddog>  
>

-----  
Date: Fri, 8 Nov 2002 16:10:50 -0800 (PST)  
From: Bill ROWLETT <[kc4atu@yahoo.com](mailto:kc4atu@yahoo.com)>  
To: schoon@amgt.com,  
Low Power Amateur Radio Discussion <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>  
Subject: [139660] RE: Yaesu FT-817  
Message-ID: <20021109001050.51115.qmail@web14207.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

No, No, John is like most of us, only has a year or two  
to go.

kc4atu

-----  
Do you Yahoo!?

U2 on LAUNCH - Exclusive greatest hits videos  
<http://launch.yahoo.com/u2>

-----  
Date: Fri, 08 Nov 2002 18:10:02 -0600  
From: David Gauding <david.gauding@bbs.galilei.com>  
To: qrp-1@lehigh.edu  
Subject: [139661] Re: FS NorCal NorEaster Kit <SOLD>  
Message-ID: <5.1.1.6.0.20021108180758.00a18b70@bbs.galilei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Howdy,

The NorEaster kit has been sold. Thanks very much for the interest.

de Dave, NF0R      nf0r@slacc.com

At 07:36 PM 11/7/02 -0600, you wrote:

>Howdy,

>

>Hate to pass this project along but the eyes just don't have it anymore for  
>SMT.

>

>NorEaster kit as received from NorCal.

>

>\$50.00 includes shipping by 1st Class Mail.

>

>Many thanks,

>

>

>

>de Dave, NF0R      nf0rslacc.com

-----  
Date: Fri, 8 Nov 2002 19:25:06 -0500  
From: "Dave Richards" <wr3i@earthlink.net>  
To: <w2agn@w2agn.net>,  
      "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139662] RE: FAWKES: Web Page?  
Message-ID: <FAEEKPCBNNDNKGMPBKGEACIAA.wr3i@earthlink.net>  
MIME-Version: 1.0



Content-Type: text/plain;  
charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Didn't you put it in a special folder (directory to Older folks) as suggested by Karl???

Hi Hi

Dave

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of W2AGN

Sent: Friday, November 08, 2002 3:12 PM

To: Low Power Amateur Radio Discussion

Subject: FAWKES: Web Page?

Lost the URL for the Winter 02-03 Fox Web Page.

---

+++++-----+ John L. Sielke  
|W||2||A||G||N| http://www.w2agn.net  
+++++-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Fri, 08 Nov 2002 17:48:15 -0600  
From: Len Revelle <lenrev@ameritech.net>  
To: benlightnd13@mchsi.com, qrp-1@lehigh.edu  
Subject: [139663] Re: Where are the hounds  
Message-ID: <o6josucgklahavjad1e11r083hqokq6fvk@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Fri, 8 Nov 2002 11:05:30 -0600, you wrote:

>Reading my mail this morning and I don't see any hound reports.

>

>I worked Dave at 03:34 but never heard Dan. I found others working

>him but just couldn't hear him.

>

With S9 QRN here I only heard a few Hounds and a few random characters from Dan. Never heard a peep from the other fox or hounds.

Len Revelle N9IJ  
lenrev@ameritech.net  
AMA 60055 LSF 7492  
My career goal is to retire.

-----  
Date: Fri, 8 Nov 2002 19:27:03 -0500 (EST)  
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: Mark Schoonover <schoon@amgt.com>  
Cc: qrp-1 <qrp-1@lehigh.edu>  
Subject: [139664] RE: Yaesu FT-817  
Message-ID: <Pine.LNX.4.44.0211081925400.27871-1000000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

It's actually a pretty competent contesting radio if you put a CW filter in it. It's kind of tough to simultaneously flip the filter in/out whilst using two VFOs though. Lots of button pressing, same as to change keyer speed.

(I used mine during Sweeps)

Scott N7JI

On Fri, 8 Nov 2002, Mark Schoonover wrote:

> Man, you guys are making me feel bad for just buying one! It's not my main  
> rig, but I do travel a bunch and it looks perfect for that. I've taken it on  
> day hikes, and find it a pretty good rig to throw in a pack... Not sure how  
> well it would work for an entire week living outta a pack, but I'd give it a  
> try. But then again, I'm probably half your age. :) Just poking fun....

>  
> 72  
>  
> .mark  
>

--  
Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

-----  
Date: Fri, 08 Nov 2002 19:48:36 -0500

From: Ed Tanton <n4xy@earthlink.net>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [139665] HP95LX  
Message-ID: <5.1.1.6.2.20021108194732.01eea540@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Folks... I am getting an HP95LX... which was sort of the first of the palmtops. Small... B&W w/small-but-full keyboard... DOS-based. Built-in functions. Runs on 12V or two AA cells! With a serial cable and extra memory card. I was wondering if anyone knows any tips or tricks? I have a suitable DOS duping program... and think I have a DOS logger-duper. Anybody have any small DOS-based programs like that?

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
Date: Fri, 8 Nov 2002 14:29:09 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: dmaliniak@penton.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139666] Re: Fox: No luck in NJ  
Message-ID: <Pine.LNX.4.44.0211081426410.10289-100000@Bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi David, conditions were poor with an A of 17 that seems to cause signal loss every time you bounce off the D layer. You needed to bounce 3 or 4 times to reach a fox and that was too far.

On Fri, 8 Nov 2002 dmaliniak@penton.com wrote:

> John:  
>  
> At my north Joisey QTH, WD7Z was at only about S2-S3 with sharp and deep  
> fades into the noise. Called fruitlessly a few times and went in to watch  
> ER with the wife. Nothing heard from N7CQR at all.  
>  
> 72,  
> David, AD2A  
> Glen Rock, NJ  
>  
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Fri, 8 Nov 2002 19:31:26 -0500 (EST)  
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [139667] RE: Yaesu FT-817  
Message-ID: <Pine.LNX.4.44.0211081930420.27871-1000000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

\$5k should be about enough to buy a cup of coffee by that time.

Cream and sugar, please (in the coffee, not on the 817).

Scott N7JI

On Fri, 8 Nov 2002, Mark Schoonover wrote:

> > That's why I'm hanging on to it. When I'm 100 years old, I  
> > can sell it on  
> > eBay for \$5000.  
>  
>  
> I thought you were already 100??  
>  
> :)  
>  
> .mark  
>

--

Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

-----  
Date: Fri, 8 Nov 2002 19:03:56 -0500 (EST)  
From: Fred Ringwald <[fred@ringwald.org](mailto:fred@ringwald.org)>  
To: [n2go@arrl.net](mailto:n2go@arrl.net)  
Cc: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [139668] Re: Lightning/ antenna grounding  
Message-ID: <[m18AJ6S-000RvkC@tesop](mailto:m18AJ6S-000RvkC@tesop)>

Jim,

I use the best of both worlds, so to speak. I have the ICE arrestors attached to a single point ground right outside my shack. This "grounds" the antenna so static doesn't build up on the antennas due to wind, etc., and the arrestors protect the antenna so well, I don't feel like I need to have them disconnected. I bought the 4 position ground plate that attaches to the top of an 8 foot ground rod. That way, I can protect four different feedlines with four different arrestors. I drove 7 feet of the ground rod into the ground, and have the ground plate about a foot off the ground. I also ran #4 ground cable from a clamp on the ground rod into the shack, and ground all my equipment to that ground cable.

I "tent" the grounding plate and arrestors (plus the antenna feedline connectors) with plastic sheeting during the winter so the snow is on top of all this under the tent. I also use their special "grease" to fill the PL-259 connectors on the arrestors, since PL-259s are not weatherproof.

I have also found the ICE folks to be extremely helpful, patient, and informative. It does take as much as a week or two for them to actually ship my order, from the time I place it, because they have grown so much. Their operation is 7/24/365, and my last order was 8000 orders behind at the time I placed it. I was satisfied, they shipped it in about two weeks. They also support their products better than most manufacturers, IMHO.

The usual disclaimers apply. I don't work for them or have stock, I am merely a very satisfied customer.

What is the consensus of opinion. Disconnect the antenna when not in use

or ground the antenna feedline at the transmit end? It would seem that each has its shortcomings.

73,

Jim n2go

-----  
Date: Fri, 8 Nov 2002 18:55:28 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: "Jason Hisson" <jhisson1@columbus.rr.com>, <qrp-1@lehigh.edu>  
Subject: [139669] paralleling radials for ground mounted vertical  
Message-ID: <004f01c2878a\$b274c970\$4e100a0a@rohredt2000>

Jason,

At Home Depot or any electrical supply, they sell that solid copper wire for AC ground connection to your main electrical panel. Maybe it is no. 6. Anyway, just get a few feet of that to form a circle around the base of your vertical. Solder the radials to the circle, and coat with the paint- on insulating compound like you use to insulate tool handles, or even roofing compound, (now available in caulking gun tubes). Even epoxy cement should work. That should preserve the solder joints as long as the copper radials hold up in the dirt. Ground mounted verticals are just more maintenance, if there is corrosive soil, than elevated vertical and radials, but both have their drawbacks.

Antennas in general are a item to be checked every year for optimum results. One of the Clear Channel AM stations had to rework their ground field a couple years back, so even the guys who can use top of the line material in large gauges have to redo it from time to time.

Another, but expensive way to attach those 64 radials, would be to group their joining to the wire ring, using what we used to call, Kearney clips. Those are the cast bronze or copper wire clamping devices still sold by electrical supply houses and Lowe's and Home Depot. Another type looks like a copper split bolt, with a captive nut. Definitely saw those at Home Depot here. Wires can be inserted in the split and the nut tightened to clamp them, you can then wrap it in amalgamating tape, followed by Scotch 33, if your soil conditions are not highly acidic. (Litmus paper or swimming pool water test kit could help you determine the soil conditions, and thus, how much protection joints will need.)

Other attachment methods if you use the solid no. 6 copper and other large gauge wires, would be by brazing or silver soldering with protection of the joint by compound, or other means like epoxy casting to exclude water.

3M makes various splicing kits available at Electrical Supply houses, and maybe even Home Depot kits would help. I have seen a simple potting/splicing kit there.

Wire nuts are now sold with a grease in them to exclude moisture which would be another way to do the connections, but follow with usual taping.

Just depends on how much time and money you have as to what you do with the radials to join them.

GL,  
Stuart K5KVH

-----  
Date: Sat, 09 Nov 2002 01:11:26 +0000  
From: "Bruce Prior" <n7rr@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [139670] A Switched Pot for the Rock-Mite  
Message-ID: <F76MCikErlx1k30IaFY00002d86@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Now that my Rock-Mite 20 is operational, (leisurely chats with hams in 4 states and 1 Canadian province so far), I feel the need both for a volume control and an on-off switch. The simplest solution seems to be installing a switched potentiometer either as an AF or RF gain control. The switch then can be used to turn the power on and off rather than plugging and unplugging the input power cable. From the specs in the Mouser Electronics catalog, it appears that the following should do the trick:

panel-mounted 100 kilohm potentiometer with SPDT switch for RF gain and power switch      Mouser #313-1100-100K

panel-mounted 1 megohm potentiometer with SPDT switch for AF gain and power switch      Mouser #313-1100-1M

I haven't experienced a need for RF attenuation in my location, but cutting down the AF, especially with the rather loud Rock-Mite sidetone, would be great. So, I would want to choose the 1 megohm pot. From the catalog specs, it appears that the available space in the American Morse Equipment MityBox should be just barely enough if the solder lugs are bent or trimmed.

The MityBox already has a panel hole cut for a potentiometer. Perhaps somebody on the list will be able to find an alternative which takes up less space and/or is more economical.

The small-quantity price for each is \$2.05, but there's a \$6.00 shipping and handling fee to contend with on top of that. Is there a volunteer out there who would be willing to administer a group buy, perhaps charging about \$4.00 each with shipping?

Thanks and 72,  
Bruce Prior N7RR

-----  
Add photos to your messages with MSN 8. Get 2 months FREE\*.  
<http://join.msn.com/?page=features/featuredemail>

-----  
Date: Fri, 8 Nov 2002 20:18:25 -0500  
From: "Jason Hissong" <jhisson1@columbus.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139671] Re: Where are the hounds  
Message-ID: <016901c2878d\$e6e549c0\$6e01a8c0@procyon>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I also worked Dave but barely heard Dan here in Ohio. Dave was coming in fairly strong and I had no trouble copying him....

72  
Jason  
N8XE

----- Original Message -----

From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, November 08, 2002 12:05 PM  
Subject: Where are the hounds

> Reading my mail this morning and I don't see any hound reports.  
>



> I worked Dave at 03:34 but never heard Dan. I found others working  
> him but just couldn't hear him.  
>  
> I also missed the truffle run. Sorry Lloyd!! Something came up and  
> I was out of the house until about 02.:30  
>  
> So. this being my last vacation week until next year, I won't get  
> another chance to join the chase. Everyone have a super time and GOD  
> BLESS YOU ALL.  
>  
> C U L Jerry N0JRN  
>  
>  
>

-----  
Date: Fri, 08 Nov 2002 21:37:30 -0500  
From: wp4jxd@isla.net  
To: qrp-1@lehigh.edu  
Subject: [139672] SS Report From WP4JXD  
Message-ID: <3DCC74EA.454DE3E2@isla.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Gang!

This is what I was able to do during last weekend running of the bulls.

159 QSOs - 59 SECTIONS - CLAIMED-SCORE: 18762 - Mostly 20m,  
a handful on 40 with my OHR QRP Classic and half G5RV.

Here is the list of Matadors worked (20 total):

AD1B, WA4PGM, KC2HUJ, K7NWS, K1RC, K9IUA, K0FRP, W5YA, N9NE, KX7L, K3AJ,  
WD7Z, W2CS, K4WY, KF2EW, K1EV, N5ODH, K0RI, ,N4RO. N0SS.

It sure was fun, Sunday was a nightmare during the day. Hours of CQing  
and only a handful "?". Next time will try more S&P to go for the clean  
sweep....

72s,

Pablo

-----  
Date: Fri, 8 Nov 2002 20:35:06 -0500  
From: "Jason Hissong" <jhisson1@columbus.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139673] Re: Ground Radial Construction Tips  
Message-ID: <01da01c28790\$3ba19200\$6e01a8c0@procyon>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks for the responses guys... I picked up about 2000' of #14 solid insulated copper wire today, an electric edger (we needed one anyway), and some ring terminals to put on the ends of each of the radials. The 6BTV has 9 terminals on its base that allows for radials to be attached. I was thinking of just using the ring terminals to attach the radials to the base. That would be about 7 radials per terminal (for a total of 63). Would this work? (I don't have the antenna yet, picking it up tomorrow). Did not know if there would be enough space on base terminals for 7 ring terminals.

I already have about 6' of #6 solid copper wire to make a ring if I go that route. It appears that the consensus is to use some type of waterproofing to keep the solder in tact. I could build the ring tonight however, it may be difficult to get the entire radial assembly outside!! hehehehe.... I am planning to do about 63 20' radials. That is about .21 of a waveform for 30M. I am sure that won't be enough for great performance on 40 and especially 80.

Thanks again!!

Jason Hissong  
----- Original Message -----  
From: "Dave Hottell" <hottell@gulftel.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, November 08, 2002 12:01 PM  
Subject: Re: Ground Radial Construction Tips

> Jason,  
>  
> I use a piece of #12 wire about 36" - 40" long. Form it into a circle  
> (about 10" in diameter or so), wrap and solder the two ends together and  
> place it over the vertical mounting post. Then make a 1/2 turn around it  
> with each radial wire and tack solder. Run a connection (or two or three)  
> from the wire circle up to the ground attachment point on the antenna.  
> Easy to install and remove (when necessary), and good trouble-free

> electrical connections.  
>  
> At the outside end I wrap the radial wire around a nail and stick the nail  
> into the ground. Holds the wire fairly taut and flat. The radials are  
> just lying on the ground and the grass grows over them in about a year. I  
> have removed one with the lawn mower though (out of 48 radials, three  
verts).  
>  
> I removed one of my verts the other day and was somewhat surprised to see  
> that where the copper was underground it was clean and shiny, while that  
> exposed to air was lightly corroded.  
>  
> If you used tinned copper wire for the radial wires there would be no  
> corrosion.  
>  
> Hope this helps.  
>  
> 73 es gl,  
> Dave  
> AB9CA  
>  
>  
>  
>  
> At 09:58 PM 11/7/02 -0500, Jason Hissong wrote:  
> >Hi guys,  
> >  
> >This weekend I will be installing a vertical (Hustler 4BTV with 30M kit).  
I  
> >will be installing it at ground level and will be installing a radial  
> >system. I need some pointers on getting all the radials to come together  
at  
> >the base (using items available at Home Depot). I will be installing 64  
> >radials at about 25'-30' long. I know soldering them at the base won't  
last  
> >long in the elements. I also found a page where they recommend using  
solid  
> >#6 copper wire to use as staples every 10' so that I can just lay the  
> >radials on the ground.  
> >  
> >To keep it on the subject of QRP, I will be using the antenna for QRP ;-)  
> >  
> >Thanks!  
> >  
> >Jason Hissong  
> >N8XE  
> >  
> >

>

-----  
Date: Fri, 8 Nov 2002 19:29:21 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <n2go@arrl.net>, <qrp-1@lehigh.edu>  
Subject: [139674] Lightning/ antenna grounding  
Message-ID: <006f01c2878f\$6df3c300\$4e100a0a@rohredt2000>

Jim

The safest thing you can do is disconnect the antennas/ feedlines from any rig; and ground that feeder, preferably outside the shack, with knife switch for parallel lines, and coax switch for coax, with the grounding conductor heavy and going short and direct to earth connection.

The other thing that a lot do, is just disconnect the coax from any rig, and lay it on the floor. If the coax makes a bend coming off pole or tower, hopefully most of any lightning hit will keep going straight down the conductive tower or pole leg to earth. Those of us doing that should also cross our fingers.

Most anything else you do is wishful thinking. Spark gaps, gas tubes, etc. are fine for static buildup, but any big bang that traveled 10 miles from a cloud to ground is not going to mind taking out your protective means.

If you have a conductive tower, especially with a spike on top, it will somewhat protect things under it, but it should have each leg terminated in a crowfoot ground or some positive means of distributing a hit to earth right at base of tower or mast.

A stout vertical, (not fiberglass types) on top the tower may act as static discharge for approaching clouds. We saw a folded unipole protect our club station when lightning hit 100 feet across the parking lot, shredding to toothpicks half a wood power pole! The tower in that hit was higher than the utility pole, but was grounded apparently better than the pole that was hit. The bolt, after disintegrating the upper pole, veered down a back stay guy line to its metal anchor bolt. (The pole mounted copper wire to ground apparently had a break in it.)

Nothing is for sure in lightning; but keeping the rigs off feedlines at such times, and not even on an antenna selector switch, sure helps save the rig.  
72, Stuart K5KVH

-----

Date: Fri, 08 Nov 2002 17:40:47 -0800  
From: <giorgio9330@earthlink.net>  
To: qrp-l@lehigh.edu  
Subject: [139675] Tired hound  
Message-ID: <Springmail.0994.1036806047.0.41642300@webmail.pas.earthlink.net>

I finally broke thru to Dave after an hour and half of calling...  
Nothing heard from Dan here in Virginia but heard a several mid-western  
stations working him...  
I'm beginning to wonder if 10 db is added to your signal if you live in Texas.

Al, wa4cmi near Richmond  
VA

-----  
Date: Fri, 8 Nov 2002 19:14:43 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [139676] Serious QRP-L List Problems  
Message-ID: <Pine.LNX.4.44.0211081905090.11055-100000@Bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm now sure students at Lehigh University are working on their  
list system and trying to get it fixed. I'm seeing my messages coming to  
the list about 3 hours later than I sent them. This means a human is  
trying to sort out what is going on. It should be relayed in about 2  
minutes.

For about 40 days for every message I sent to the list resulted  
in a e-mail failure notice from an unknown AOL address to me saying the  
address does not exist. I could tell it was a message to this list  
because the message was one I wrote to go to QRP-L. I have simplified  
the address I use to bare bones. It seems not to help a bit.

I'm sure others are having the same problem and your not at  
fault either. It's at the list in Lehigh University somewhere.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

-----

Date: Sat, 9 Nov 2002 02:46:25 -0000  
From: "Norm Into" <normk8ni@neo.rr.com>  
To: <jhisson1@columbus.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139677] Re: Ground Radial Construction Tips  
Message-ID: <004601c2879a\$35699360\$0b01a8c0@S0025384750>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Here's my method for tying down in-ground radials. Assuming you are putting them in a lawn or other "inhabited" are, use plastic stakes.

They are yellow and about 9" long. I've used at least two brands that are available at sporting goods or Army Navy stores. Anyone who sells serious camping equipment will have them and they are less than 50 cents apiece. If your lawn is flat, every ten feet is right. Pull the wire snug between each stake and pound them an inch or so into the ground. If you have a dip or swale, you'll need to use a stake at the bottom. This is fast, easy and permanent.

By spring, your radials will have disappeared forever into the lawn.

At the base I use a 3/4" copper ground rod., also from Lowes / Home Depot. Use a couple of hose clamps to tie the radials to the center rod and a short piece of braid (with a separate hose clamp) to the gnd lug on my ATU, which is an SGC autotuner.

Using the SGC allows me to use a single 35' whip for all bands, especially 160, 80 and 40, with good low angle radiation. Actually the whip is an old butternut. When I got the idea of using the autotuner, I simply removed the traps from the Bnut and jumpered the one section of the mast where the traps used to be.

Again, the jumper is piece of braid hose clamped.

If you are not using a remote autotuner at the base of the antenna, you just tie the copper ground stake/radials to the coax feed line shield braid.

I don't know why you are worried about "the elements" affecting a properly soldered joint. I've had to put a soldered joint in a wire antenna now and then and they last for years.

WX tomorrow, here in Ohio, is promising so I went to Dick's Sporting Goods tonite and bought out their current supply of the little yellow stakes.

I'll be on my belly tomorrow. Can't have enough radials if your vertical is ground mounted!

Norm - K8NI

----- Original Message -----

From: "Jason Hissong" <jhisson1@columbus.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, November 08, 2002 2:58 AM

Subject: Ground Radial Construction Tips

> Hi guys,

>

> This weekend I will be installing a vertical (Hustler 4BTV with 30M kit).

I

> will be installing it at ground level and will be installing a radial

> system. I need some pointers on getting all the radials to come together  
at

> the base (using items available at Home Depot). I will be installing 64

> radials at about 25'-30' long. I know soldering them at the base won't  
last

> long in the elements. I also found a page where they recommend using  
solid

> #6 copper wire to use as staples every 10' so that I can just lay the  
> radials on the ground.

>

> To keep it on the subject of QRP, I will be using the antenna for QRP ;-)

>

> Thanks!

>

> Jason Hissong

> N8XE

>

>

-----  
Date: Fri, 8 Nov 2002 21:02:48 -0600

From: "Michael Melland" <w9wis@charter.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [139678] New CrankIR portable vertical antenna

Message-ID: <002b01c2879c\$7c2d80c0\$3f20be42@computer>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You guys seen the just released \$149 "Christmas Special" (mid November 2002) CrankIR vertical antenna mfg by the makers of the SteppIR yagi's ? Looks pretty cool..... 18 foot and continuously variable length, a 1/4 wave on 20 meters and up. Not a "pack" antenna but I ordered one to try out for camping. It's here: <http://www.steppir.com/index.htm>

I spoke to them today on the phone and I'm impressed. They apparently have a backorder list already and it was just posted a week or two ago. Several guys here I know have the SteppIR Yagi and they simply love them. BTW they told me the yagi's are now at least 6 weeks out from time of order. Nice to see a small company with a great idea (ala Elecraft, SWL and others) make it !

Mike

--

Michael Melland, W9WIS  
Winneconne, Wisconsin USA EN54pc  
qrp-l #1656 - qrparci # 9875 - iparc #252  
ars #1075 - <http://webpages.charter.net/w9wis/>

-----  
Date: Fri, 8 Nov 2002 21:07:04 -0600  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139679] Re: Yaesu FT-817  
Message-ID: <200211090307.AA01586@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

"Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu> writes:

>It's actually a pretty competent contesting radio if you put a CW filter  
>in it. It's kind of tough to simultaneously flip the filter in/out whilst  
>using two VFOs though. Lots of button pressing, same as to change keyer  
>speed.  
>

I just leave the narrow filter in and tune slow, unless the action is low enough that I need the broader field of view. For 20 and 40 during Sweepstakes, probably no good reason \*not\* to leave the narrow filter in all the time. :-) The "sardines" in those two cans are



usually packed pretty tight, and in double layer. :-)

72/73,

Todd, AG0T

-----  
Date: Fri, 08 Nov 2002 22:15:23 -0500  
From: Jerry Lofstead <w3cde@bellsouth.net>  
To: "Karl F. Larsen" <k5di@zianet.com>  
Cc: w3cde@arrl.net,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139680] Re: Yaesu FT-817  
Message-ID: <3DCC7DCB.91D7197C@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Karl,

First 1): FOLLOW the previous instructions EXPLICITLY!

Second 2): Contact YAESU support for further information.

Jerry

"Karl F. Larsen" wrote:

>  
> Jerry, With the Radio Turned Off and fully charged battery in the 817 I  
> measured the voltage at the power input jack and it was 0.15 Volts. I  
> then shorted out the power input jack with the same meter but in a 100  
> milliamp range and the needle just moved off of zero a hairs width.  
>  
> So if there is a well documented drain I'm unable to find it. I need to  
> say I have rechargeable nicad batteries in my radio. There \*might\* be a  
> difference if I was using the battery tray supplied for un-rechargeable  
> batteries.  
>  
> Please tell me what page in the owner's manual it says there is a drain.  
> I will read it myself.  
>  
> On Fri, 8 Nov 2002, Jerry Lofstead wrote:  
>  
> >  
> > Karl,

> >  
> > If you posses such a thing as a VOM, attach an external power  
> > supply with batteries installed in the Xcvr. Turn the radio  
> > and PS OFF. Now measure battery drain, the YAESU documented  
> > battery drain!..... Remove the PS and measure the documented  
> > NO DRAIN from the batteries...  
> >  
> > Jerry  
> > W3CDE  
> >  
> >  
> > "Karl F. Larsen" wrote:  
> > <SNIP>  
> > >  
> > > The recient chatter about a internal battery loosing power is  
> > > not correct in my radio or any other un-modified 817. The schematic  
> > > shows how the battery is hooked to the radio and it will not be  
> > > discharged ever with the main power plug removed and the radio turned  
> > > off. I have no idea how this was started.  
> > >  
> > > On other lists the current chatter is about how your better off  
> > > waiting and saving your money until you can buy an 817. And I have seen  
> > > them for sale new at \$619.00 and the company will ship free.  
> > >  
> > > They show up here for sale usually because the owner has big  
> > > hands and can't work the small buttons. My hands are part of a 6'4" body  
> > > that played football in college (on the line) and my hands are about as  
> > > big as they come. I have no problem at all with the 817, but find it's  
> > > best to use frequency lock because my big hands do change tuning by  
> > > accident.  
> > >  
> > > This is my primary rig. It is not perfect, but it's very close.  
> > >  
> > > --  
> > >  
> > > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -  
> >  
> >  
>  
> --  
>  
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Fri, 8 Nov 2002 22:42:39 EST  
From: ARDUJENSKI@aol.com

To: qrp-1@lehigh.edu  
Subject: [139681] FS/FT KITS  
Message-ID: <17a.118e84ce.2afdde2f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

\*\*\*\*\*QRP KITS SPECIAL PACKAGE\*\*\*\*\*

SMALL WONDERS LABS SW+40M (with RIT, Freqmite, and case) and SW+20M (with RIT, Freqmite, and case) EMTECH ZM-2 QRP antenna tuner (I also will include a case to match the SW+ set) The idea was to have a nice matching set. The ZM-2 was going to be constructed to match the units using the layout at [http://www.angelfire.com/tx4/netxqrpclub/projects/w5usj\\_zm2.jpg](http://www.angelfire.com/tx4/netxqrpclub/projects/w5usj_zm2.jpg) All still in original packaging. Price for package is \$250 shipped CONUS only. PACKAGE DEAL ONLY For info on the kits see: [http://smallwonderlabs.com/sw1\\_swp.htm](http://smallwonderlabs.com/sw1_swp.htm) <http://emtech.steadynet.com/zmdesc.htm>

Would consider possible trade involving nice Boat Anchor receiver or LDG Z-11 Tuner with balun

Alan KB7MBI in Woodinville, WA  
FISTS 5702 Proud member of ARRL  
--- --- . . . . . DIT DIT

-----  
Date: Fri, 8 Nov 2002 21:50:38 -0600  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139682] Code Speed & Contests...  
Message-ID: <200211090350.AA01662@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Noticed something interesting during Sweepstakes. I was working S&P, and had the computer set to send the exchange at roughly 25 wpm. Got asked for a good number of fills on my s/n, check, and section. Even from the guys smoking along at 35+ wpm. I slowed down for people calling slow, to around 20 wpm. Left the computer at that speed for a while and proceeded up the band to pick up contacts. Number of asked-for fills greatly reduced. :-)

Which raises the question -- what \*is\* the optimal contest speed? I would suspect it's somewhat faster for the QRO stations, since they tend to be pretty solid copy, but what \*I\* was seeing

was that 20 wpm was more "efficient" than 25 wpm. What is the sense of trying to work a guy calling at speed when he asks you for 2-3 fills after the initial exchange? Takes almost the same time as the original exchange, if not longer, when I could have got in and got out in one shot sending somewhat slower, and pretty well worked another station in the same amount of time. :-)

It would thus seem to me that one would want to set their speed such that they can work the vast majority of stations without needing to do fills for them. From what I saw last weekend, this figure is around 20 wpm. Of course, your mileage may vary. :-)  
Opinions, anyone? :-)

72/73,

Todd, AGOT

-----  
Date: Fri, 08 Nov 2002 22:56:45 -0500  
From: Gary Lee <kb9zuv@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [139683] ot -- web sites and the visually impaired  
Message-ID: <3.0.6.32.20021108225645.00836bd0@mailhost.ind.ameritech.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I can speak to this problem from personal experience. I am totally blind, and have been playing around with computers as a student, helpdesk supervisor, and systems programmer/sysadmin for 20 years. I have also served on three web accessibility committees for Ball State University.

IMHO, there are three main concerns.

1. don't force display attributes such as fonts and colors unless absolutely necessary. Users with various visual accuities will set up their own color schemes for maximum contrast and readability. Same applies for fonts/font sizes.

2. Use alt tags where appropriate. E.G. a short description of an important image. Example, "schematic of pixie oscilator section". Pics such as fancy borders, dividers, or just pretty icons should have a blank alt tag. As a blind reader of a page, I don't care if there is a "blue ball" there unless it is germain to the content. Judicious use of the alt tag will give the biggest bang for time spent in accessibility. It also reduces verbal clutter as most screen reading programs will piick up the actual image link if a tag is not present; i.e.

"http://www.site.com/schematics/sheet1-page3.jpg". This really tells the reader nothing, and just gives extra speech to listen too.

3. Practice good general design principles. Remember the purpose of a web page is to convey information. Just like a paper document. Don't be fancy just for the sake of fanciness.

Finally, a couple of last thoughts. There is still a small minority of lynx users out there. For those who don't know, lynx is a text only browser. However, it does support alt tags and frames.

Also, be consistant in your layout. This will aid all viewers (disabled or not) in finding and making use of the information you thought important enough to make available on the web.

Just my \$0.02 worth as a blind web user and long time campaigner for access to information.

Thanks for the bandwidth.

Gary Lee  
kb9zuv

-----  
Date: Fri, 8 Nov 2002 21:16:12 -0600  
From: "Mark" <m2steven@bellsouth.net>  
To: <qrp-l@lehigh.edu>  
Subject: [139684] FT-817 worth at sunspot nadir  
Message-ID: <001101c2879e\$5b87bc80\$aecc3fd0@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Lots of comments on this. It will be worth as much as other qrp gear at that time. I fail to see why the 817 will depreciate more than the other rigs, considering that you can use it on 144/440 FM and still receive the same dead air as you can on a full power \$3000.00 hf rig..

I'll keep mine...it's a wonderful radio.

...Mark AB4YE

-----

Date: Fri, 08 Nov 2002 20:19:31 -0800  
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>  
To: enders@bolshoi.cc.misu.nodak.edu,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139685] Re: Code Speed & Contests...  
Message-ID: <5.1.1.6.0.20021108201317.00b28658@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:50 PM 11/8/2002 -0600, Todd Enders wrote:

> Noticed something interesting during Sweepstakes. I was  
>working S&P, and had the computer set to send the exchange at  
>roughly 25 wpm. Got asked for a good number of fills on my s/n,  
>check, and section. Even from the guys smoking along at 35+ wpm.

...snip snip...

>72/73,  
>  
>Todd, AG0T

Todd,

There is a need for more information.

1. What was your power output? 5W?
2. What was your antenna system?

The guys CQ'ng at 28+ wpm can copy that speed. BUT, if you are  
weak AND there is QRM that you do not hear then the slower speed  
will get through. Been there done that.

First thing to remember is that if you are in the S&P mode you are  
most likely picking on the "big guns", i.e. the loud stations and they  
are either A or B power levels. That means that they are holding a  
frequency but the adjacent power stations in contest exchanges with  
other possibly big signals may clobber your weak signal.

On 20m I did not get any requests for fills other than a confirmation on  
the WY section aperiodically 'cuz the station was in shock after catching  
the section. But I did get calls for fills on other bands and even had  
stations  
give up on me and go back to CQ'ng because I was too weak.

I was doing about 28wpm on 20 meters but I had to slow down on the other bands to 24 to 26 most of the time in order to get the exchange through the QRM.

Again, this is what I've found in years of playing SS, the only big contest I play in. Mileage may vary. Too much data to sift through.

dit dit

Chuck Adams, K7QO  
<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

-----  
Date: Fri, 8 Nov 2002 23:39:06 -0500 (EST)  
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: Mark <m2steven@bellsouth.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139686] Re: FT-817 worth at sunspot nadir  
Message-ID: <Pine.LNX.4.44.0211082338580.28213-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

And 40 never actually dies.

On Fri, 8 Nov 2002, Mark wrote:

> Lots of comments on this. It will be worth as much as other qrp gear at  
> that time. I fail to see why the 817 will depreciate more than the other  
> rigs, considering that you can use it on 144/440 FM and still receive the  
> same dead air as you can on a full power \$3000.00 hf rig..  
>  
> I'll keep mine...it's a wonderful radio.  
>  
> ...Mark AB4YE  
>  
>

--  
Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain

If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

-----  
Date: Fri, 8 Nov 2002 22:57:59 -0600  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Cc: "Chuck Adams, K7Q0" <k7qo@earthlink.net>  
Subject: [139687] Re: Code Speed & Contests...  
Message-ID: <200211090458.AA01734@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

"Chuck Adams, K7Q0" <k7qo@earthlink.net> writes:

At 09:50 PM 11/8/2002 -0600, Todd Enders wrote:

>> Noticed something interesting during Sweepstakes. I was  
>>working S&P, and had the computer set to send the exchange at  
>>roughly 25 wpm. Got asked for a good number of fills on my s/n,  
>>check, and section. Even from the guys smoking along at 35+ wpm.  
>

...snip snip...

>There is a need for more information.

>

>1. What was your power output? 5W?

>

FT-817 at 4W (according to my WM-2)

>2. What was your antenna system?

>

Butternut HF-2V fed through a Johnson Matchbox for the  
higher bands

>The guys CQ'ng at 28+ wpm can copy that speed. BUT, if you are  
>week AND there is QRM that you do not hear then the slower speed  
>will get through. Been there done that.

>

Very true. I know if they have to ask for my call more than once  
I'm most likely weak, or getting more or less creamed by QRM.

>On 20m I did not get any requests for fills other than a confirmation on  
>the WY section aperiodically 'cuz the station was in shock after catching



>the section. But I did get calls for fills on other bands and even had  
>stations give up on me and go back to CQ'ng because I was too weak.  
>

I get a lot of that myself, being in ND... :-) Seemed to get a lot of requests for repeats on the check, too. Not quite sure why that part, as it's pretty simple (same number twice). Then again, maybe they just wanted to be sure, were getting hit with QRM/QRN, etc., etc.

>I was doing about 28wpm on 20 meters but I had to slow down on the  
>other bands to 24 to 26 most of the time in order to get the exchange through  
>the QRM.  
>

I ran most of the contest at 25 wpm. Didn't do too much operating on either 20 or 40m. Daytime was mostly 15m, with some 10m thrown in for good measure. Nighttime was 80m, but strangely enough I \*rarely\* got asked for repeats down there. :-) Also seemed to get asked for repeats a \*lot\* more in the last 4-6 hours of the contest. Tired operators, perhaps?

>Again, this is what I've found in years of playing SS, the only big contest I  
>play in. Mileage may vary. Too much data to sift through.  
>

Indeed. Just citing what I had observed, and throwing the topic on the table for discussion. I've only hit the SS trail a couple times, so I'm pretty much a babe in the woods here. :-) Trying to learn from each experience so I can post a better score next time around. :-)

72/73,

Todd, AG0T

-----  
Date: Fri, 08 Nov 2002 23:14:05 -0600  
From: Lew Paceley <lew@paceley.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Cc: giorgio9330@earthlink.net  
Subject: [139688] Re: Tired hound  
Message-ID: <004701c287ae\$d36a1800\$6501a8c0@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=Windows-1252  
Content-transfer-encoding: 7BIT

Hi Al,  
Boy I sure could have used another 10db for this hunt! As I recall it took me nearly an hour to get Dave so you weren't far behind me and I live "next door" to NM. He started out loud here but he seemed to

work a lot of 9s and 0s the first hour. He dropped to about S5-S7 second hour. There were a lot of folks calling too so there was ample competition.

Dan was at ESP levels here in Austin during the second hour of the hunt. In the last 10 minutes of the hunt when he rose to barely readable 419. Fortunately Dan is a great Fox and he pulled me out of the QSB just in the nick of time.

BTW, there is no question in my mind that being in the "center" of the country occasionally helps for the hunts. However, I think you'll find mother propagation can be very fickle no matter where you live so there are no guarantees anywhere. All you can do is try your best and celebrate when you pull out a weak one!

One key area where proactive preparation helps your success rate is having a selection of antennas. Occasionally the hunters with verticals can hear things that those with horizontally polarized antennas can't and vice versa. And occasionally, a hastily strung NVIS dipole will pull out a nearby Fox you can't get any other way.

GL next hunt.

72/73,  
\*Lew\*  
N5ZE  
Pesky Texan

-----  
Date: Fri, 8 Nov 2002 21:15:00 -0800  
From: George Fremin III - K5TR <geoiiii@kkn.net>  
To: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139689] Re: Code Speed & Contests...  
Message-ID: <20021109051500.GA28990@kkn.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Fri, Nov 08, 2002 at 10:57:59PM -0600, Todd Enders wrote:

> FT-817 at 4W (according to my WM-2)  
>  
> >2. What was your antenna system?  
> >

> Butternut HF-2V fed through a Johnson Matchbox for the  
> higher bands

Chances are you are weak to many stations.

> Very true. I know if they have to ask for my call more than once  
> I'm most likely weak, or getting more or less creamed by QRM.

You dont really have any control over when the QSB or QRM will  
get you. It is very painful when trying to pull a weak station  
out of the noise to have the same missing bit of info getting lost  
every time you ask for the fill.

> I get a lot of that myself, being in ND... :-) Seemed to get a lot of  
> requests for repeats on the check, too. Not quite sure why that part,  
> as it's pretty simple (same number twice). Then again, maybe they

What number is it? I find that some numbers are much  
harder to copy than others - esp if the CW weighting is  
on the light side.

> got asked for repeats down there. :-) Also seemed to get asked for  
> repeats a \*lot\* more in the last 4-6 hours of the contest. Tired operators,  
> perhaps?

That can be a factor as well - falling asleep in the middle of  
the contact is a sure way to start asking for fills.

--

George Fremin III - K5TR  
geoiiii@kkn.net  
<http://www.kkn.net/~k5tr>

-----  
Date: Fri, 08 Nov 2002 22:18:09 -0700  
From: Tim Groat <tcgroat@earthlink.net>  
To: qrp-l@lehigh.edu  
Subject: [139690] FOX: re: WD7Z Prelim Log  
Message-ID: <5.1.1.6.2.20021108220843.009efec0@mail.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Wow, that was a tough one! Only in the last half hour was I able to hear  
Dave over the SSB QRM. I really ought to put up a "cloud warmer" for those

short hops. Thanks to both foxes for another fun hunt!

72,

--Tim

-----  
Date: Fri, 8 Nov 2002 21:27:30 -0800  
From: George Fremin III - K5TR <geoiiii@kkn.net>  
To: qrp-l@leigh.edu  
Subject: [139691] Re: Code Speed & Contests...  
Message-ID: <20021109052730.GB28990@kkn.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Fri, Nov 08, 2002 at 09:50:38PM -0600, Todd Enders wrote:

>  
> Noticed something interesting during Sweepstakes. I was  
> working S&P, and had the computer set to send the exchange at  
> roughly 25 wpm. Got asked for a good number of fills on my s/n,  
> check, and section. Even from the guys smoking along at 35+ wpm.  
> I slowed down for people calling slow, to around 20 wpm. Left the  
> computer at that speed for a while and proceeded up the band  
> to pick up contacts. Number of asked-for fills greatly reduced. :-)  
>

I think Chuck is correct - you really do not have enough  
data points here to tell why they were asking for fills.

Since you were running a vertical and 4 watts I would lean  
towards you just having a weak signal.

I was a high power entry this weekend.  
I have often said that the key to doing well  
in most contests - including sweepstakes is that you  
have to be able to work \*alot\* or really weak stations  
and I mean \*weak\* stations.

Not all of these stations are QRP stations - there are plenty of  
weak guys out there that are running 100 watts to really  
poor antennas.

> Which raises the question -- what \*is\* the optimal contest

> speed?

I would say that it is the highest speed that you can keep making contacts at with no errors.

I don't think I sent over 32 wpm for too many contacts during SS. I often slowed down to the calling stations speed. I tended to stay at about 30 wpm.

I did manage to work about 205 QRP category stations.

--

George Fremin III - K5TR  
geoiiii@kkn.net  
<http://www.kkn.net/~k5tr>

-----  
Date: Sat, 9 Nov 2002 00:34:13 -0500 (EST)  
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [139692] Sweeps - Burst noise vs. simply weak sigs (fwd)  
Message-ID: <Pine.LNX.4.44.0211090034020.28213-1000000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I usually answered at approximately the CQer's speed, which varied from about 16 wpm to about 40 wpm.

I found that on 15 and especially 20m, I was getting creamed on the other end a good deal of the time. Instead of getting partial fills, I was often asked for complete fills, which would net me something like:

AGN?  
115 Q N7JI 84 OR

AGN?  
115 Q N7JI 84 OR

CK?  
84 84

QSL GL

So it was more like I could be heard between getting sandwiched on the other end.

Of course, I often gave my exchange and was queried:

NR?  
115

NR?  
115

AGN?  
115

R R

On 40, late at night, I often made it through on the first try on the exchange even coast-to-coast - with a much higher success rate than on 15 or 20.

Anyway, it was a blast, especially trying to get from 175 at midnight to something over 200 using the FT-817 and a 20m hamstick on the XYL's car roof. QSOs were hard to come by, but after driving nearly 300 miles and cursing at the hamstick's low efficiency repeatedly (MY car has a Screwdriver on it), I was up to QSO #203.

All this, and buying a minivan on the same day.

I finally made it home at 6:40 p.m. and made it up to 210 Qs or so.

Not bad for a day of driving, I guess.

Maybe next year I'll be able to have a concerted effort like I used to before life happened.

Scott N7JI

On Fri, 8 Nov 2002, Todd Enders wrote:

```
>  
> "Chuck Adams, K7Q0" <k7qo@earthlink.net> writes:  
>  
> At 09:50 PM 11/8/2002 -0600, Todd Enders wrote:  
>  
> >>      Noticed something interesting during Sweepstakes. I was  
> >>working S&P, and had the computer set to send the exchange at  
> >>roughly 25 wpm. Got asked for a good number of fills on my s/n,  
> >>check, and section. Even from the guys smoking along at 35+ wpm.  
> >  
>
```

> ...snip snip...  
>  
> >There is a need for more information.  
> >  
> >1. What was your power output? 5W?  
> >  
> FT-817 at 4W (according to my WM-2)  
>  
> >2. What was your antenna system?  
> >  
> Butternut HF-2V fed through a Johnson Matchbox for the  
> higher bands  
>  
> >The guys CQ'ng at 28+ wpm can copy that speed. BUT, if you are  
> >week AND there is QRM that you do not hear then the slower speed  
> >will get through. Been there done that.  
> >  
> Very true. I know if they have to ask for my call more than once  
> I'm most likely weak, or getting more or less creamed by QRM.  
>  
> >On 20m I did not get any requests for fills other than a confirmation on  
> >the WY section aperiodically 'cuz the station was in shock after catching  
> >the section. But I did get calls for fills on other bands and even had  
> >stations give up on me and go back to CQ'ng because I was too weak.  
> >  
> I get a lot of that myself, being in ND... :-) Seemed to get a lot of  
> requests for repeats on the check, too. Not quite sure why that part,  
> as it's pretty simple (same number twice). Then again, maybe they  
> just wanted to be sure, were getting hit with QRM/QRN, etc., etc.  
>  
> >I was doing about 28wpm on 20 meters but I had to slow down on the  
> >other bands to 24 to 26 most of the time in order to get the exchange through  
> >the QRM.  
> >  
> I ran most of the contest at 25 wpm. Didn't do too much operating  
> on either 20 or 40m. Daytime was mostly 15m, with some 10m thrown in  
> for good measure. Nighttime was 80m, but strangely enough I \*rarely\*  
> got asked for repeats down there. :-) Also seemed to get asked for  
> repeats a \*lot\* more in the last 4-6 hours of the contest. Tired operators,  
> perhaps?  
>  
> >Again, this is what I've found in years of playing SS, the only big contest I  
> >play in. Mileage may vary. Too much data to sift through.  
> >  
> Indeed. Just citing what I had observed, and throwing the topic  
> on the table for discussion. I've only hit the SS trail a couple times,  
> so I'm pretty much a babe in the woods here. :-) Trying to learn from  
> each experience so I can post a better score next time around. :-)

>  
> 72/73,  
>  
> Todd, AG0T  
>

--

Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

-----  
Date: Sat, 09 Nov 2002 06:01:50 -0500  
From: Bob Patten <n4bp@netzero.net>  
To: K7RE@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139693] Re: Contest Antennas and SS REcords - LONG  
Message-ID: <3DCCEB1E.2090402@netzero.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Brian Kassel wrote:

>  
> Bob Patten (N4BP) and myself use 2 fiberglass masts (DK9SQ from Kanga)  
> for supports with our 2 inverted vee antennas from the Bahamas each  
> year. One is cut for 40, the other for 80M. They are both fed with  
Correction: Yes, 80M inverted vee. Second antenna (40M), 33ft piece of  
insulated hook wire hung from top of DK9SQ mast with two 33ft radials  
laying on roof. Reasons: antennas are cross polarized to minimize  
interference and are easier to arrange in limited space of hotel roof.  
>  
> RG-6 coax. This is the stuff that is used on satellite dishes, it can  
> very cheap, which is the main reason that we chose it ;). We go on all  
Yes cheap - in my case, free. But two other "Main" reasons for using  
it: it is very light, lighter than RG-8X and has less loss than RG-8X.

--

73, Bob Patten, N4BP Plantation, FL

E-Mail: n4bp@netzero.net Website: <http://www.qsl.net/n4bp>  
QRP ARCI #3412 SOC #1 ARS #799 Whiners #6 FISTS #7871

-----



Introducing NetZero Long Distance  
1st month Free!  
Sign up today at: [www.netzerolongdistance.com](http://www.netzerolongdistance.com)

-----  
Date: Sat, 09 Nov 2002 03:51:21 -0800  
From: <giorgio9330@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [139694] Re: Tired hound  
Message-ID: <Springmail.0994.1036842681.0.57883700@webmail.pas.earthlink.net>

Hi Lew and the list,

You are exactly right about the need for a few different  
antennas in your arsenal...

I'm currently using two dipoles oriented n-s and  
e-w and it sure helps...

Has anyone on the list experimented with a vertically polarized delta loop? I  
have a several 100 ft high pine trees on the edge of my property just begging  
for antennas to be strung up!

Albert, wa4cmi

On Fri, 08 Nov 2002 23:14:05 -0600 Lew Paceley <lew@paceley.com> wrote:

> Hi Al,  
> Boy I sure could have used another 10db for  
> this hunt! As I recall it  
> took me nearly an hour to get Dave so you  
> weren't far behind me and I  
> live "next door" to NM. He started out loud  
> here but he seemed to  
> work a lot of 9s and 0s the first hour. He  
> dropped to about S5-S7  
> second hour. There were a lot of folks calling  
> too so there was ample  
> competition.  
>  
> Dan was at ESP levels here in Austin during the  
> second hour of the  
> hunt. In the last 10 minutes of the hunt when  
> he rose to barely  
> readable 419. Fortunately Dan is a great Fox  
> and he pulled me out of  
> the QSB just in the nick of time.  
>  
> BTW, there is no question in my mind that being

> in the "center" of the  
> country occasionally helps for the hunts.  
> However, I think you'll  
> find mother propagation can be very fickle no  
> matter where you live so  
> there are no guarantees anywhere. All you can  
> do is try your best and  
> celebrate when you pull out a weak one!  
>  
> One key area where proactive preparation helps  
> your success rate is  
> having a selection of antennas. Occasionally  
> the hunters with  
> verticals can hear things that those with  
> horizontally polarized  
> antennas can't and vice versa. And  
> occasionally, a hastily strung  
> NVIS dipole will pull out a nearby Fox you  
> can't get any other way.  
>  
> GL next hunt.  
>  
>  
> 72/73,  
> \*Lew\*  
> N5ZE  
> Pesky Texan  
>  
>  
>  
>

-----  
Date: Sat, 09 Nov 2002 12:17:56 +0000  
From: "Bruce Prior" <n7rr@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [139695] Supplement to Rock-Mite Kit Instructions  
Message-ID: <F57j2AhGwEUJlWZ08x90000113b@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

A significant improvement to Rock-Mite documentation is found in the Supplement to Rock-Mite Kit Instructions. You can download it at:  
<http://www.smallwonderlabs.com/RMhelps.pdf>  
72, Bruce Prior N7RR

-----  
Tired of spam? Get advanced junk mail protection with MSN 8.  
<http://join.msn.com/?page=features/junkmail>

-----  
Date: Sat, 9 Nov 2002 07:56:05 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: <k5di@zianet.com>  
Subject: [139696] Re: Serious QRP-L List Problems  
Message-ID: <003f01c287ef\$5ffc50e0\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Karl

There can be significant delays in email, sometimes days. If there was a delay on one particular path, then you would expect that path to be more prone to additional delays, at least for a while. It might not be at Lehigh, it could be between you and Lehigh. I have noticed some delays in the past few weeks, but never more than 10 or 15 minutes.

By way of a quick check, I went through the headers of the last 2 messages from the list in my inbox. The first I checked took 3 hours to get out of Hotmail, but once it left there, it was only a few minutes through Lehigh to my mail server. The second took just over 3 minutes from the time it was sent until it reached my mail server. Given 3 or 4 hops each side of Lehigh, as well as list processing time, that's pretty impressive.

The message I'm replying to took 19 minutes from your outbox to my mail server. Most of that time was spent banging around between servers at zianet. Once it left nomad.zianet.com it took 3 minutes 52 seconds to get to my ISP.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----  
From: "Karl F. Larsen" <k5di@zianet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, November 08, 2002 9:14 PM  
Subject: Serious QRP-L List Problems

>  
> I'm now sure students at Lehigh University are working on their  
> list system and trying to get it fixed. I'm seeing my messages coming to  
> the list about 3 hours later than I sent them. This means a human is  
> trying to sort out what is going on. It should be relayed in about 2  
> minutes.  
>  
> For about 40 days for every message I sent to the list resulted  
> in a e-mail failure notice from an unknown AOL address to me saying the  
> address does not exist. I could tell it was a message to this list  
> because the message was one I wrote to go to QRP-L. I have simplified  
> the address I use to bare bones. It seems not to help a bit.  
>  
> I'm sure others are having the same problem and your not at  
> fault either. It's at the list in Lehigh University somewhere.  
>  
> --  
>  
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -  
>

-----  
Date: Sat, 09 Nov 2002 08:10:53 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139697] Re: Serious QRP-L List Problems  
Message-ID: <3DCCC30D.9604.32D221D@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 8 Nov 2002 at 19:14, Karl F. Larsen wrote:

>  
> I'm sure others are having the same problem and your not at  
> fault either. It's at the list in Lehigh University somewhere.  
>  
> --  
>  
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

>  
>

The problem is that pesky A index and all those hops off the "D layer" to get to New Mexico.

Quit pickin' on my Alma Mater. I actually got a degree from the place.

---

+---+---+---+---+ John L. Sielke  
|W||2||A||G||N| http://www.w2agn.net  
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----

Date: Sat, 9 Nov 2002 05:21:34 -0800 (PST)  
From: Bill ROWLETT <kc4atu@yahoo.com>  
To: ham@w3eax.umd.edu,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139698] Re: FT-817 worth at sunspot nadir  
Message-ID: <20021109132134.44753.qmail@web14208.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

The bands do not die at the bottom, the users go to the low bands. I have worked DX with a HW-8 during this time. The openings are there, just shorter in length. Good time for those with the space to put up a 160 dipole and try "top band".

kc4atu

-----

Do you Yahoo!?  
U2 on LAUNCH - Exclusive greatest hits videos  
<http://launch.yahoo.com/u2>

-----

Date: Sat, 09 Nov 2002 08:38:01 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139699] Re: FT-817 worth at sunspot nadir  
Message-ID: <3DCCC969.3225.345F892@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 9 Nov 2002 at 5:21, Bill ROWLETT wrote:

> The bands do not die at the bottom, the users go to  
> the low bands. I have worked DX with a HW-8 during  
> this time. The openings are there, just shorter in  
> length. Good time for those with the space to put up a  
> 160 dipole and try "top band".  
>

I agree. The bottom of a sunspot cycle is actually quite relaxing.  
Instead of being confused and stressed about. "Which band shall I get on,  
10 is open, but 15 sounds good, too, and there is a BV9 on 12 M...."  
At the sunspot minimum, during the day, you have the choice of 20 or 40,  
and at night, 80 or 160. Makes life simple, and besides, you can catch up  
on all those "Buffy the Vampire Slayer" episodes you missed during the  
sunspot peak.

---

+++++-----+ John L. Sielke  
|W||2||A||G||N| http://www.w2agn.net  
+++++-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----

Date: Sat, 9 Nov 2002 09:25:26 -0500  
From: "NZ8J" <nz8j@woh.rr.com>  
To: <qrp-l@lehigh.edu>  
Subject: [139700] FS: Ten Tec Delta II  
Message-ID: <003d01c287fb\$d8f48600\$6400a8c0@NZ8J>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Exc condition Ten Tec Delta II with box, manual, power cord. Works perfect,  
milliwatts to 100+ watts on all bands. Back light has been replaced.  
\$460 shipped and insured in the conus

Thanks  
Tim  
NZ8J

-----

Date: Sat, 9 Nov 2002 09:21:57 -0500  
From: "Stephen King" <frstephenk@stfrancishigh.org>  
To: <jennings@eznet.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139701] Re: Where are the hounds  
Message-ID: <003c01c287fb\$5c6db570\$3950a8c0@RM204>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Same here ... Dan was at the ESP level here in Buffalo, NY. In the last few minutes of the hunt he came up a bit ... strange thing is that hounds in FL were getting that pelt!

Peace & 73

Stephen

W3SMK

K2 #2644

----- Original Message -----

From: "Thomas Jennings" <jennings@eznet.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, November 08, 2002 1:07 PM  
Subject: Re: Where are the hounds

> Hounds,  
> I worked Dave ok but did not hear a peep from Dan. Heard  
> a bunch of hounds calling and working him though.  
> Looks like no propagation to the north east :(  
>  
> 73,  
> Tom kv2x  
>  
>

-----  
Date: Sat, 9 Nov 2002 09:39:51 -0500  
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>  
To: <schoon@amgt.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139702] Re: Yaesu FT-817  
Message-ID: <00d801c287fd\$dcc26c00\$6501a8c0@cable.rcn.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> > That's why I'm hanging on to it. When I'm 100 years old, I  
> > can sell it on  
> > eBay for \$5000.  
>  
> I thought you were already 100??  
>  
> :)  
>  
> .mark

He's really not -- he just looks it ! ( - :

Dick K2JQ

-----  
Date: Sat, 9 Nov 2002 06:57:31 -0700  
From: "Jess Gypin" <jessmx5@earthlink.net>  
To: <w2agn@w2agn.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139703] Re: Yaesu FT-817  
Message-ID: <00ca01c287f7\$f43e7140\$41365742@jgypin>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I don't know about you guys anymore, really. We all complained for years that the QRP community was overlooked. Then when we finally start getting some really cool QRP rigs from the major manufacturers, then we start complaining that they get too much press. I am just happy as heck that I can choose the 817, K2, K1 and all of the other really cool radios that are out there right now. I am at the point finally that I am a total QRP station at the house except for the FT-100 that I have in the mobile. And I have fewer radios, only 5 now. 3 of which are multi-band. And I still have the first QRP radio that I ever bought, the A&A Eng. radio.

Like they say, be careful what you ask for, you just may get it.

Jess

----- Original Message -----

From: "W2AGN" <w2agn@w2agn.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, November 08, 2002 14:42 PM  
Subject: Re: Yaesu FT-817



> On 8 Nov 2002 at 16:22, Thom LaCosta wrote:  
>  
> >  
> > And just think...in a few years the entire cycle can repeat because  
> it's a  
> > "Classic" FT-817 Boat Anchor.  
> >  
> > The list will have posts from folks who used it as a first rig, or  
> folks  
> > who want to duplicate their first station.  
> >  
> > Thom  
>  
> That's why I'm hanging on to it. When I'm 100 years old, I can sell it on  
> eBay for \$5000.  
>  
> ---  
> +---+---+---+---+ John L. Sielke  
> |W||2||A||G||N| http://www.w2agn.net  
> +---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Sat, 09 Nov 2002 10:15:04 -0500  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: QRPL <qrp-l@lehigh.edu>, QRP Canada <qrp-canada@neale.gpfn.sk.ca>,  
Michael Taddeo <mike.taddeo@shaw.ca>  
Subject: [139704] Fox hunt teams, anyone need another..  
Message-ID: <3DCD2678.768230EB@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang:

A friend of mine was looking to join a foxhunt team, his call is  
VA6MJT.  
He is in Calgary Alberta....  
He has emailed about 4 emails so far to others but says he has got no  
replies.....  
his email is : mike.taddeo@shaw.ca  
If you are in need of another member let him know...

Fred  
VE3FAL  
Raiders of the lost RF...

-----  
Date: Sat, 9 Nov 2002 10:29:01 -0500  
From: "Jason Hissong" <jhisson1@columbus.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139705] Re: Fox hunt teams, anyone need another..  
Message-ID: <005001c28804\$baa816e0\$6e01a8c0@procyon>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Fred,

I could use one.... we need two more guys on the Steamers... however, isn't it too late to have anyone join up in a team?

Thanks es 73

Jason Hissong

----- Original Message -----  
From: "Fred Lesnick" <flesnick@tbaytel.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Saturday, November 09, 2002 10:15 AM  
Subject: Fox hunt teams, anyone need another..

>  
> Gang:  
>  
> A friend of mine was looking to join a foxhunt team, his call is  
> VA6MJT.  
> He is in Calgary Alberta....  
> He has emailed about 4 emails so far to others but says he has got no  
> replies.....  
> his email is : mike.taddeo@shaw.ca  
> If you are in need of another member let him know...  
>  
> Fred  
> VE3FAL  
> Raiders of the lost RF...  
>

-----  
Date: Sat, 09 Nov 2002 09:03:23 -0700  
From: "James R. Duffey" <jamesd1@flash.net>  
To: <qrp-1@lehigh.edu>  
Subject: [139706] Re: Ground Radial Construction Tips  
Message-ID: <B9F27FDB.2005A%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

ComTek Systems:

<<http://www.comteksystems.com/>>

sells a "Radial Ring" for attaching radials to a vertical antenna. It is a large disc with 61 holes drilled around the circumference. It seems to me that another company (may be in Iowa?) also sold such a disc, but I was unable to locate them in a web search.

The copper/bronze colored plumbers tape could also be used with a bolt through each hole. - I hope that this helps. - Dr. Megacycle KK6MC/5

--  
James R. Duffey KK6MC/5  
Cedar Crest, NM DM65

-----  
Date: Sat, 09 Nov 2002 08:58:04 -0700  
From: "James R. Duffey" <jamesd1@flash.net>  
To: <qrp-1@lehigh.edu>  
Subject: [139707] Propagation During the Sunspot Minimum  
Message-ID: <B9F27E9C.20059%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Contrary to popular opinion, during the sunspot minimum you do have more to choose from than just 20 M and 40 M during the day. 15 M will be open a few days a week and 10 M may be open a couple of times a month with long propagation, mostly to the south during midday.

10 M will also be open often with Sporadic E from May to August (as will 6M). As QRPers we do not always take advantage of sporadic E openings, at least on CW. But they are there, and are frequent enough to justify checking the calling frequency when the beacons indicate the band is open.

So, if you listem, you will use the higher bands during the sunspot minimum. Not as often as the lower ones, to be sure, but I don't see any reson not to have a rig that will do the high bands during the sunspot minima.

It used to be common to see three band rigs (80, 40, 20 ) sold during the sunspot minima. The Galaxy 300, Galaxy 3, Alda 103, and Swan 240 were such rigs. Advances in technology has eliminated much of the added cost of added bands, so these rigs have disappeared. Now you might want to configure your K-1 for 17 M instead of 15 M during the sunspot minima, but I don't see all band HF rigs dropping in value. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5  
Cedar Crest, NM DM65

-----  
Date: Sat, 09 Nov 2002 09:07:10 -0700  
From: Dave Fuller <rfgdma@spinn.net>  
To: qrp-l@lehigh.edu  
Subject: [139708] Fox: Final Fox Log WD7Z Nov 7 2002  
Message-ID: <5.1.1.5.2.20021109090233.02c602c8@mail.spinn.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

WD7Z Final Fox Log WD7Z Nov 7 2002

(view in plain form courier font)

Thanks to all for the great pack!  
Looking forward to the next one

72/23 WD7Z

|       |         |     |    |       |      |
|-------|---------|-----|----|-------|------|
| >0201 | NX7U/M  | 579 | AZ | OTTO  | 500w |
| >0201 | K5DW    | 559 | TX | DON   | 5w   |
| >0202 | K0FPR   | 559 | CO | AL    | 5w   |
| >0203 | N0UR    | 559 | MN | JIM   | 5w   |
| >0204 | K3IU    | 559 | RI | KEN   | 5w   |
| >0206 | W9UQB/7 | 559 | AZ | MIKE  | 5w   |
| >0206 | KA5LD   | 559 | TX | DAN   | 5w   |
| >0207 | W0CH    | 559 | MO | DAVE  | 5w   |
| >0208 | K5EOA   | 559 | LA | WAYNE | 5w   |
| >0210 | N1FN    | 559 | CO | ET    | 5w   |
| >0211 | N0DSP   | 559 | CO | TOM   | 5w   |
| >0212 | WA9TZE  | 599 | WI | JIM   | 5w   |

|       |        |     |    |        |       |
|-------|--------|-----|----|--------|-------|
| >0212 | W9XT   | 559 | WI | GARY   | 5w    |
| >0214 | AC5JH  | 559 | OK | TOM    | 5w    |
| >0215 | K5JHP  | 559 | TX | BILL   | 5w    |
| >0216 | WE9K   | 579 | WI | GLENN  | 5w    |
| >0216 | K2QO   | 559 | NY | MARK   | 5w    |
| >0217 | N4ROA  | 559 | VA | DAN    | 5w    |
| >0218 | NQ7K   | 559 | AZ | MIKE   | 5w    |
| >0218 | NQ7X   | 559 | AZ | FLOYD  | 5w    |
| >0219 | NK6A   | 559 | CA | DON    | 5w    |
| >0219 | W5USJ  | 559 | TX | CHUCK  | 5w    |
| >0221 | K5AIC  | 559 | MS | HERB   | 5w    |
| >0221 | KQ5U   | 559 | TX | TERRY  | 5w    |
| >0222 | NK9G   | 559 | WI | RICK   | 5w    |
| >0223 | N9AW   | 559 | WI | JERRY  | 5w    |
| >0224 | KI0II  | 559 | CO | RON    | 1w    |
| >0225 | KG6CYN | 559 | CA | TREV   | 2w    |
| >0226 | W5YR   | 559 | TX | GEORGE | 5w    |
| >0227 | K2ZN   | 579 | NY | AL     | 5w    |
| >0228 | N0TU   | 559 | CO | STEVE  | 750mw |
| >0229 | N4BP   | 599 | FL | BOB    | 5w    |
| >0230 | N7CL   | 579 | AZ | ERIC   | 5w    |
| >0230 | N2WW   | 559 | CO | LARRY  | 5w    |
| >0231 | AC7A   | 579 | AZ | TOM    | 5w    |
| >0231 | K4GT   | 559 | GA | JIM    | 5w    |
| >0232 | N9NE   | 559 | WI | TODD   | 100mw |
| >0234 | K4TJD  | 559 | GA | TOM    | 5w    |
| >0234 | N0WX   | 579 | MN | MIKE   | 5w    |
| >0235 | K5SR   | 559 | TX | DALE   | 5w    |
| >0237 | K9DC   | 559 | IN | DAVE   | 5w    |
| >0237 | W9HL   | 559 | IL | RANDY  | 5w    |
| >0238 | AB9CA  | 559 | AL | DAVE   | 5w    |
| >0239 | W0LK   | 559 | AR | BOB    | 5w    |
| >0239 | W0RSP  | 579 | SD | ADE    | 4w    |
| >0240 | K40AH  | 579 | GA | GAREY  | 5w    |
| >0241 | W9XU   | 559 | WI | LON    | 5w    |
| >0241 | AJ4AY  | 559 | AL | JAY    | 5w    |
| >0242 | N3AO   | 559 | PA | CARTER | 5w    |
| >0243 | K8CV   | 559 | MI | WALT   | 5w    |
| >0245 | VE6EX  | 559 | AB | DAN    | 5w    |
| >0246 | VE6JAZ | 559 | AB | ROB    | 5w    |
| >0247 | VA6RF  | 559 | AB | EARL   | 5w    |
| >0248 | WD9F   | 559 | IL | WOODY  | 5w    |
| >0249 | N5ZE   | 559 | TX | LEW    | 5w    |
| >0250 | AB5XQ  | 559 | AR | BILL   | 5w    |
| >0251 | K8HJ   | 559 | MI | JOHN   | 5w    |
| >0252 | K6MMC  | 559 | CA | MIKE   | 5w    |
| >0253 | N5EBD  | 559 | TX | KEN    | 5w    |
| >0253 | K5FSE  | 599 | GA | JACK   | 5w    |

|       |        |     |     |        |      |
|-------|--------|-----|-----|--------|------|
| >0254 | AF4LQ  | 559 | KY  | MIKE   | 5w   |
| >0255 | N3BJ   | 559 | VA  | ALAN   | 5w   |
| >0256 | AG0T   | 589 | ND  | TODD   | 4w   |
| >0256 | VE3FAL | 559 | ON  | FRED   | 5w   |
| >0257 | W6ABC  | 559 | CA  | JACK   | 5w   |
| >0258 | K2PQ   | 559 | NJ  | FRANK  | 5w   |
| >0259 | AE4Y   | 559 | GA  | KENT   | 5w   |
| >0259 | NM5M   | 559 | TX  | ERIC   | 5w   |
| >0300 | N0HRL  | 559 | MN  | KEN    | 5w   |
| >0301 | VE4WI  | 559 | MB  | CRAIG  | 5w   |
| >0302 | W3SMK  | 559 | NY  | STEVE  | 5w   |
| >0303 | K5PSH  | 599 | TX  | JERRY  | 4w   |
| >0304 | WS4S   | 559 | TN  | CONARD | 5w   |
| >0306 | W8YMO  | 559 | OH  | HARRY  | 5w   |
| >0307 | WK5Q   | 559 | NTX | BUD    | 500m |
| >0308 | WB6BWZ | 579 | GA  | MATT   | 5w   |
| >0309 | K3ESE  | 599 | MD  | LLOYD  | 5w   |
| >0310 | N3XRV  | 559 | PA  | CHRIS  | 5w   |
| >0310 | K5TR   | 599 | TX  | GEO    | 100m |
| >0311 | W5TB   | 559 | TX  | DOC    | 5w   |
| >0312 | WW7Y   | 599 | UT  | STEVE  | 5w   |
| >0314 | WA4CMI | 559 | VA  | AL     | 5w   |
| >0315 | K5ZTY  | 559 | TX  | BILL   | 5w   |
| >0316 | VE5DC  | 559 | SK  | JERRY  | 5w   |
| >0316 | NU4N   | 599 | KY  | DAVE   | 5w   |
| >0317 | N8XE   | 559 | OH  | JASON  | 5w   |
| >0318 | K0PC   | 559 | MN  | PAT    | 5w   |
| >0319 | N1TP   | 559 | FL  | TOM    | 5w   |
| >0321 | W3KC   | 569 | MD  | CHAS   | 5w   |
| >0323 | VE5RC  | 229 | SC  | BRUCE  | 5w   |
| >0323 | K4ADI  | 559 | SC  | FRANK  | 5w   |
| >0324 | W0PWE  | 579 | IA  | JERRY  | 5w   |
| >0325 | WA2DGD | 559 | PA  | LARRY  | 5w   |
| >0326 | K1KID  | 559 | MA  | CARL   | 4w   |
| >0327 | KG4LDY | 559 | VA  | JIM    | 5w   |
| >0328 | KV2X   | 559 | NY  | TOM    | 5w   |
| >0329 | KC9LC  | 559 | VA  | RANDY  | 5w   |
| >0330 | WB9HFK | 559 | IL  | MARK   | 5w   |
| >0330 | KJ0C   | 599 | MO  | JIM    | 5w   |
| >0331 | KB9YIG | 559 | IN  | TONY   | 500m |
| >0332 | WV9N   | 559 | OH  | RANDY  | 5w   |
| >0333 | KK5LD  | 559 | TX  | JIM    | 5w   |
| >0334 | N0JRN  | 559 | MO  | JERRY  | 5w   |
| >0334 | AD6JY  | 559 | CA  | DAN    | 5w   |
| >0335 | N9WW   | 559 | IL  | JIM    | 5w   |
| >0336 | WA8BXN | 559 | OH  | MIKE   | 5w   |
| >0338 | W2XN   | 559 | FL  | FRED   | 5w   |
| >0338 | K9IS   | 559 | WI  | STEVE  | 5w   |

|       |        |     |    |        |      |
|-------|--------|-----|----|--------|------|
| >0339 | N5IB   | 559 | LA | JIM    | 5w   |
| >0339 | KC1FB  | 559 | CT | JIM    | 500m |
| >0341 | KC2CK  | 559 | NY | DON    | 1w   |
| >0341 | NV4V   | 559 | KY | PETE   | 5w   |
| >0342 | WA7TQK | 559 | ID | BILL   | 5w   |
| >0346 | K0INT  | 599 | CA | ED     | 5w   |
| >0347 | K4TJD  | 559 | GA | TOM    | 5w   |
| >0349 | W6AZ   | 559 | CA | RON    | 5w   |
| >0350 | W4YN   | 559 | NC | TIM    | 4w   |
| >0353 | KB7WW  | 559 | OR | ART    | 5w   |
| >0356 | WB8WTU | 559 | OH | DENNIS | 2w   |
| >0357 | K4FB   | 559 | FL | PAUL   | 5w   |
| >0359 | KR0U   | 559 | CO | TIM    | 5w   |
| >0400 | K7MRV  | 559 | OR | PAT    | 5w   |
| >0400 | N7CQR  | 559 | OR | DAN    | 5w   |
| >0400 | WD7Z   | 559 | NM | DAVE   | 5w   |

>  
>

-----

Date: Sat, 9 Nov 2002 10:22:39 -0600 (CST)  
 From: Bruce Rattray <rattray@gpfn.sk.ca>  
 To: Jason Hissong <jhisson1@columbus.rr.com>  
 Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
 Subject: [139709] Re: Fox hunt teams, anyone need another..  
 Message-ID: <Pine.LNX.4.33.0211091022020.5831-100000@neale.gpfn.sk.ca>  
 MIME-Version: 1.0  
 Content-Type: TEXT/PLAIN; charset=US-ASCII

Jason, your Team is on the list and you can work away at having a full 5 members...you got your Team in before the deadline...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
           A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
           - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
           "QRP! How sweet it is!"                "I am da man wit "DAH" paddle!"

On Sat, 9 Nov 2002, Jason Hissong wrote:

> Fred,  
 >  
 > I could use one.... we need two more guys on the Steamers... however, isn't

> it too late to have anyone join up in a team?  
>  
> Thanks es 73  
>  
> Jason Hissong  
>  
> ----- Original Message -----  
> From: "Fred Lesnick" <flesnick@tbaytel.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Saturday, November 09, 2002 10:15 AM  
> Subject: Fox hunt teams, anyone need another..  
>  
>  
> >  
> > Gang:  
> >  
> > A friend of mine was looking to join a foxhunt team, his call is  
> > VA6MJT.  
> > He is in Calgary Alberta....  
> > He has emailed about 4 emails so far to others but says he has got no  
> > replies.....  
> > his email is : mike.taddeo@shaw.ca  
> > If you are in need of another member let him know...  
> >  
> > Fred  
> > VE3FAL  
> > Raiders of the lost RF...  
> >  
>

-----  
Date: Sat, 9 Nov 2002 10:27:18 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: "James R. Duffey" <jamesd1@flash.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139710] Re: Ground Radial Construction Tips  
Message-ID: <Pine.LNX.4.33.0211091024080.5831-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

FEI (for everyones' information) I have the SLV portable vertical erected in my backyard and am using it on the fox hunts intially...because it is portable, the radials are not soldered to the antenna...a set of radials which consists of 4-6 wires are soldered to a large alligator clip and then clipped on to the ground post of the antenna...I have 16 radials out



there...works so far...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Sat, 9 Nov 2002, James R. Duffey wrote:

> ComTek Systems:  
>  
> <<http://www.comteksystems.com/>>  
>  
> sells a "Radial Ring" for attaching radials to a vertical antenna. It is a  
> large disc with 61 holes drilled around the circumference. It seems to me  
> that another company (may be in Iowa?) also sold such a disc, but I was  
> unable to locate them in a web search.  
>  
> The copper/bronze colored plumbers tape could also be used with a bolt  
> through each hole. - I hope that this helps. - Dr. Megacycle KK6MC/5  
> --  
> James R. Duffey KK6MC/5  
> Cedar Crest, NM DM65  
>

-----  
Date: Sat, 09 Nov 2002 11:40:57 -0500  
From: Fred Lesnick <[flesnick@tbaytel.net](mailto:flesnick@tbaytel.net)>  
To: [jhisson1@columbus.rr.com](mailto:jhisson1@columbus.rr.com)  
Cc: Low Power Amateur Radio Discussion <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>,  
Michael Taddeo <[mike.taddeo@shaw.ca](mailto:mike.taddeo@shaw.ca)>  
Subject: [139711] Re: Fox hunt teams, anyone need another..  
Message-ID: <3DCD3A99.E3ACB0AF@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

OK, Jason, Mike, Bruce.....

Mike, get a hold of Jason at this email address, and you are on a team....

Jason, meet my friend Mike from Calgary Alberta.....Hope you folks get the team up to 5.....

Mike, let me know what happens....will fill you in on some of the

guidelines to the foxhunts etc, or Jason can do that as well....  
Thanks folks, thank you Bruce....

Fred  
VE3FAL

Jason Hissong wrote:

>  
> Fred,  
>  
> I could use one.... we need two more guys on the Steamers... however, isn't  
> it too late to have anyone join up in a team?  
>  
> Thanks es 73  
>  
> Jason Hissong  
>  
> ----- Original Message -----  
> From: "Fred Lesnick" <flesnick@tbaytel.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Saturday, November 09, 2002 10:15 AM  
> Subject: Fox hunt teams, anyone need another..  
>  
> >  
> > Gang:  
> >  
> > A friend of mine was looking to join a foxhunt team, his call is  
> > VA6MJT.  
> > He is in Calgary Alberta....  
> > He has emailed about 4 emails so far to others but says he has got no  
> > replies.....  
> > his email is : mike.taddeo@shaw.ca  
> > If you are in need of another member let him know...  
> >  
> > Fred  
> > VE3FAL  
> > Raiders of the lost RF...  
> >

-----  
Date: Sat, 09 Nov 2002 10:23:41 -0700  
From: "James R. Duffey" <jamesd1@flash.net>  
To: <WD8CIV@worldnet.att.net>, qrp-1 <qrp-1@lehigh.edu>,  
<nkennedy@tcainternet.com>  
Subject: [139712] Limiting IF Amplifiers and CW  
Message-ID: <B9F292AC.20068%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Dave and Nick; I read with interest your experiments and comments on one chip receivers, particularly the comment on bypassing the limiting IF amplifiers used in FM receiver chips.

It seems to me that a limiting amplifier would be OK for CW, as the information content of the CW signal is not in the amplitude of the signal, but rather in the time domain. It seems to me that the use of a limiting amplifier on CW would offer some immunity to noise. Does anybody have experience with using limiting amplifiers on CW? I seem to recall some use of them in CW regeneration schemes, but I can't recall where.

I have some LM3089 chips that are an IF/audio chain for an FM receiver. The inputs to the quadrature detector can be separated so one can use it for a product detector. I was thinking of making a CW receiver from it by adding a mixer/oscillator and BFO . The data sheets indicate that limiting occurs for a input of 12 to 25 micro volts. I assume that CW signals below this would appear as in a normal, linear receiver, and that above this range they would be limited to constant amplitude with a SNR determined by the amplifier chain, not the SNR of the input CW signal. I will try to see how it goes.

As I think of it, the main problem with single chip receivers is stability. A receiver typically has 80 dB to 100 dB gain. With the relatively large amplitude oscillators required for the mixer and product detector this is a recipe for problems.

This is an interesting thread. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5  
Cedar Crest, NM DM65

-----  
Date: Sat, 9 Nov 2002 12:22:12 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139713] Re: Serious QRP-L List Problems  
Message-ID: <003c01c28814\$8c2d55e0\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> > I'm now sure students at Lehigh University are working on their  
> > list system and trying to get it fixed. I'm seeing my messages coming  
to

> > the list about 3 hours later than I sent them. This means a human is  
> > trying to sort out what is going on. It should be relayed in about 2  
> > minutes.

Why do I see this, or something like it, every few months on different forums.

OK, I'm going to tell you something pretty basic here.

EMAIL is not robust!

Get that? I'll say it again.

EMAIL is not robust!

If you send an email and it can't get through immediately, it gets put in a 'time dispatched' queue. This queue does NOT mean it's 'first out' when it tries again. It means it's at a specific time. Some machines are set up so that they retry to send a few times immediately then a few minutes later a few times, then a few hours later...

What this means is that if you miss a window, you are TIME delayed to the next window and email that 'comes in' in the mean time just might get through right away.

It DOESN'T mean that something is wrong if emails come in out of order, other than the system got errors at the time, and usually that is just a load issues. It DOESN'T mean something in the email needs fixed. It DOESN'T mean that students are working on the system... (ok, it might, but chances are it's NOT related to why emails are time shifted).

There is no "SHOULD" for time. And these errors and delays are NOT necessarily anywhere NEAR Lehigh. Yes, they could be. But they just as easily could be at YOUR machine, not at Lehigh.

Mike

-----  
Date: Sat, 9 Nov 2002 12:37:40 EST  
From: Fghester@aol.com  
To: myetsko@insydesw.com, qrp-l@lehigh.edu  
Subject: [139714] Re: Serious QRP-L List Problems  
Message-ID: <1a3.b8a551b.2afea1e4@aol.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

RF Propagation, Take Off Angles, Ionospherics, Long Path Sporadic E etc. etc.  
I CLEARLY understand. e-mail, not a clue at this QTH! :-) / Woody / WD9F

-----  
Date: Sat, 9 Nov 2002 13:08:13 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: <Fghester@aol.com>  
Subject: [139715] Re: Serious QRP-L List Problems  
Message-ID: <006501c2881a\$f9aa25c0\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well, heck. Those things are just science. Anyone who puts their mind to it can understand science, there are laws of physics that are rational and can be understood. You can't say that about the Internet.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>  
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----  
From: <Fghester@aol.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Saturday, November 09, 2002 12:37 PM  
Subject: Re: Serious QRP-L List Problems

> RF Propagation, Take Off Angles, Ionospherics, Long Path Sporadic E etc.  
etc.  
> I CLEARLY understand. e-mail, not a clue at this QTH! :-) / Woody /  
WD9F

-----  
Date: Sat, 9 Nov 2002 13:06:24 -0500  
From: "Brian" <brian@iquest.net>  
To: <myetsko@insydesw.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139716] Re: Serious QRP-L List Problems  
Message-ID: <004901c2881a\$b8395ed0\$58652bd1@bmurrey2K>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

not to mention...the fact that your email may traverse many different routing paths in the great internet cloud of pudding...only to be placed on hold, somewhere, for some reason...the public internet is really a huge crapshoot...the more I see, the more impressed I am.

----- Original Message -----

From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Saturday, November 09, 2002 12:22 PM  
Subject: Re: Serious QRP-L List Problems

> > > I'm now sure students at Lehigh University are working on their  
> > > list system and trying to get it fixed. I'm seeing my messages  
coming  
> to  
> > > the list about 3 hours later than I sent them. This means a  
human is  
> > > trying to sort out what is going on. It should be relayed in  
about 2  
> > > minutes.  
>  
> Why do I see this, or something like it, every few months on  
different  
> forums.  
>  
> OK, I'm going to tell you something pretty basic here.  
>  
> EMAIL is not robust!  
>  
> Get that? I'll say it again.  
>  
> EMAIL is not robust!  
>  
> If you send an email and it can't get through immediately, it gets  
put  
> in a 'time dispatched' queue. This queue does NOT mean it's 'first  
> out' when it tries again. It means it's at a specific time. Some  
> machines are set up so that they retry to send a few times  
immediately  
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>  
> What this means is that if you miss a window, you are TIME delayed  
> to the next window and email that 'comes in' in the mean time just  
> might get through right away.  
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> It DOESN'T mean that something is wrong if emails come in out of  
> order, other than the system got errors at the time, and usually  
that is  
> just a load issues. It DOESN'T mean something in the email needs  
> fixed. It DOESN'T mean that students are working on the system...  
> (ok, it might, but chances are it's NOT related to why emails are  
> time shifted).  
>  
> There is no "SHOULD" for time. And these errors and delays  
> are NOT necessarily anywhere NEAR Lehigh. Yes, they could  
> be. But they just as easily could be at YOUR machine, not at  
> Lehigh.  
>  
> Mike  
>  
>  
>  
>

-----  
  
Date: Sat, 09 Nov 2002 10:21:41 -0800  
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [139717] Argonaut V message from TenTec  
Message-ID: <5.1.1.6.0.20021109102006.00b28878@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Here is an email from TenTec that I was asked to pass along.

FYI

>To: k7qo@earthlink.net  
>From: "Ten-Tec Inc. Amateur Radio Sales" <sales@tentec.com>  
>Subject: Argonaut V  
>  
>

>Chuck:

>

>I read the QRP-L archive daily and have been following the thread  
>regarding the Argonaut V and low supply voltage.

>

>Please pass this message along to the listserv for me:

>

>Please remember that when we announced the Argonaut V in 2001  
>that we actively solicited the input of the QRP community with a  
>questionnaire about what the radio should or should not include.  
>We received more than 500 responses - and the top two responses  
>from QRPers were a) it needs to run more than 5 watts, if I want  
>it to, and b) I never run my QRP gear from battery power, so  
>supply voltage and current drain are not important. A whopping  
>80% of the responses we got from QRP-L indicated some  
>version of "b". The Argonaut V was designed without low voltage  
>and current drain maximization specifically in response to the  
>surveying of QRP-L. Believe me, if 80% said it had to operate  
>at 9 volts and draw no more than 200 mA, that's what we would  
>have done. There are plenty of choices out there for low voltage,  
>minimal current drain QRP rigs; we elected based on the response  
>to not make the Argonaut V one of them.

>

>Thanks OM. Hope you did well in Wyoming.

>

>Scott Robbins, W4PA

>

>-----

>Ten-Tec, Inc., 1185 Dolly Parton Pkwy, Sevierville, TN 37862 USA  
> Contact Mon-Fri Eastern: Office/Tech (865) 453-7172 9 am-5 pm.  
> Repair (865) 428-0364 8-4. Sales (800) 833-7373 9 am-5:30 pm.  
> Fax (865) 428-4483 24 hrs. Visit us at <<http://www.tentec.com>>  
> Email: New product sales/product info [sales@tentec.com](mailto:sales@tentec.com)  
> Service department [service@tentec.com](mailto:service@tentec.com)  
> While we make every effort to answer email in an expedient manner,  
> the telephone is a much more efficient tool for getting a quicker and  
> more complete answer to your inquiries. Thanks!

>

Chuck Adams, K7QO

<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

-----

Date: Sat, 09 Nov 2002 12:22:56 -0600



From: "George, W5YR" <w5yr@att.net>  
To: wb8rcr@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139718] Re: Serious QRP-L List Problems  
Message-ID: <3DCD5280.D4765E7C@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Sure you can, John. Large network behavior has been well studied and is well understood as a statistical phenomenon. The problem is that being non-deterministic in nature, one can predict only in statistical terms - probabilities - what will happen at a specific time to a specific message or even a specific packet. But, large network design and performance is guided by sound application of stochastic system principles - and they work! <:}

This comes from a few years as manager of network performance and availability for Texas Instruments . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas  
In the 57th year and it just keeps getting better!  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

"John J. McDonough" wrote:

>

> Well, heck. Those things are just science. Anyone who puts their mind to  
> it can understand science, there are laws of physics that are rational and  
> can be understood. You can't say that about the Internet.

-----

Date: Sat, 9 Nov 2002 13:26:20 EST  
From: K5BDZ@aol.com  
To: qrp-l@lehigh.edu  
Subject: [139719] FS: 20 Watt Amp kit  
Message-ID: <14f.1729ae2c.2afead4c@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Want to trade for a QRP xcvr, receiver or similar, working or not... or kit of some kind - of like value - or ????? :  
Ramsey 40 meter 20 watt linear amp kit - unbuilt, still in original unopened package (1-2 watts input, 20 watts output according to Ramsey Kits).

Model number QAMP40, as well as separate matching Ramsey enclosure kit.

The linear amp kit design is broadband input and band low pass filter output. Ramsey design of this basic kit is for 80, 40, or 20 meters, with apparently only the output filter being "band specific"... see their website for more info.

Any offers? I'm just north of Houston, Texas  
Bill K5BDZ

-----  
Date: Sat, 09 Nov 2002 13:41:50 -0500  
From: k2pq <k2pq@comcast.net>  
To: qrp-l@lehigh.edu  
Subject: [139720] Re: Argonaut V message from TenTec  
Message-ID: <00aa01c2881f\$aa8a0190\$0500a8c0@DOWNSTAIRS>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

I'm still looking forward to my ARGO V..... Frank K2PQ

----- Original Message -----  
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Saturday, November 09, 2002 1:21 PM  
Subject: Argonaut V message from TenTec

> Gang,  
>  
> Here is an email from TenTec that I was asked to pass along.  
>  
> FYI  
>  
>  
> >To: k7qo@earthlink.net  
> >From: "Ten-Tec Inc. Amateur Radio Sales" <sales@tentec.com>  
> >Subject: Argonaut V  
> >  
> >  
> >Chuck:  
> >  
> >I read the QRP-L archive daily and have been following the thread  
> >regarding the Argonaut V and low supply voltage.  
> >

> >Please pass this message along to the listserv for me:  
> >  
> >Please remember that when we announced the Argonaut V in 2001  
> >that we actively solicited the input of the QRP community with a  
> >questionnaire about what the radio should or should not include.  
> >We received more than 500 responses - and the top two responses  
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> >80% of the responses we got from QRP-L indicated some  
> >version of "b". The Argonaut V was designed without low voltage  
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> >surveying of QRP-L. Believe me, if 80% said it had to operate  
> >at 9 volts and draw no more than 200 mA, that's what we would  
> >have done. There are plenty of choices out there for low voltage,  
> >minimal current drain QRP rigs; we elected based on the response  
> >to not make the Argonaut V one of them.  
> >  
> >Thanks OM. Hope you did well in Wyoming.  
> >  
> >Scott Robbins, W4PA  
> >  
> >-----  
> >Ten-Tec, Inc., 1185 Dolly Parton Pkwy, Sevierville, TN 37862 USA  
> > Contact Mon-Fri Eastern: Office/Tech (865) 453-7172 9 am-5 pm.  
> > Repair (865) 428-0364 8-4. Sales (800) 833-7373 9 am-5:30 pm.  
> > Fax (865) 428-4483 24 hrs. Visit us at <<http://www.tentec.com>>  
> > Email: New product sales/product info           sales@tentec.com  
> >           Service department  
service@tentec.com  
> > While we make every effort to answer email in an expedient manner,  
> > the telephone is a much more efficient tool for getting a quicker and  
> > more complete answer to your inquiries. Thanks!  
> >  
>  
> Chuck Adams, K7QO  
> <http://www.qsl.net/k7qo>           and       <http://www.earthlink.net/~k7qo>  
>  
> Moving to Arizona? ---- Please bring your own water.  
>

-----  
Date: Sat, 9 Nov 2002 13:46:50 -0500  
From: "Jim" <[ku4qw@yahoo.com](mailto:ku4qw@yahoo.com)>  
To: <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [139721] for trade: Ten-Tec 509 w/208 cw filter

Message-ID: <000501c28820\$5d5afbd0\$0100000a@jim>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello All

I have a nice working Ten-Tec Argonaut 509 w/208 cw filter. Works GREAT  
looks good, few little scratches here and there not bad. Comes with Manual  
and home made power cord.

Just wondering if anyone on the list has a Yaesu FT-747, FT-77, FT-707 that  
they would like to trade off for the Argonaut?

73,  
jim

-----  
Date: Sat, 9 Nov 2002 15:16:43 -0500  
From: "Brian" <brian@iquest.net>  
To: "QRP-L" <qrp-l@lehigh.edu>, "Flying Pigs" <fpqrp-l@fpqrp.com>  
Subject: [139722] Surplus Parts for Sale  
Message-ID: <000901c2882c\$ec629f20\$916b2bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Junkbox Surplus Parts for Sale as of 11/08/2002

=====

Nothing new this month...been busy planning son's wedding!

Odd Items

=====

9.8304 Mhz Crystals, 1/4 in tall - 20 for \$5.00  
27mH inductors with radial leads - 25 for \$3.50

Caps - All new, old stock. No pulls.

=====

All caps now 50/\$3 or 100/\$5

=====

8pf NPO Ceramic - Loose  
11pf NPO Ceramic - Loose  
12pf NPO ceramics on tape  
22pf Kemet Ceramic Caps, 200v, 10%

150pf ceramics, 100v, 10%  
470pf Ceramics on paper tape, rated 5% (NPO)  
560pf Kemet Ceramic Caps, 200v, 10%  
1000pf blue mono caps, 10% 100v  
3300pf Kemet Ceramic Caps, 100v, 10%  
.01 uF ceramic caps, 10% 100v brand new by Kyocera  
and  
.01 uF ceramic caps, 20% 50v, new old stock, not used  
50/2.50 100/\$4

#### Voltage Regulators

=====

L7805ACV voltage regulators T0220 case. 10/\$5 or 15/\$7  
LM7812 voltage regulators. T0220 case. 5/\$4  
LM317T Adjust. Positive Voltage Regulator T0220. 10/\$5.00 or 15/\$7.00  
100/\$30  
LM78L62ACZ Volt(6.2)regulators, T092 format 5/\$3.00

#### Transistors - New Parts - No Pulls

=====

TP2222 plastic T092 NPN (House brand 2N2222) 50/\$4 100/\$7  
2N3906's plastic T092. PNP - 50/\$4 100/\$7  
2N3904's plastic T092. NPN - 50/\$4 100/\$7  
2N3704's plastic T092, NPN - 50/\$4 100/\$7  
MRF517 - Motorola Part - Metal Can - 5 for \$5

#### Op AMPS, Comparators

=====

LM386N-1 - Audio Amps 5 for \$2.25

LM741CN - Single Op Amp, 8 Pin Dip, 6 for \$2.00

<http://www.hep.ph.ic.ac.uk/~hallg/Instrumentation/Data/LM741.pdf>

#### Diodes

=====

1N4148 - You always need these. 100 for \$2.50 These are NEW.  
50 FREE with any order over \$20.00

Let me know if you're interested. All prices are post paid to the  
USA, unless otherwise noted. I will ship to non USA addresses but we  
need to discuss the shipping charges first.

-----  
Date: Sat, 9 Nov 2002 12:40:51 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-1@lehigh.edu>  
Subject: [139723] Re: Limiting IF Amplifier and CW  
Message-ID: <MABBJOEABOILMKCJCLFCCEFIDLAA.n6wg@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Jim

Unless you had some pretty serious filtering ahead of the limiting IF amplifier so only one signal was present in the pass band, I'd be concerned about intermod. A limiting amp is, after all, pretty nonlinear. Does this sound reasonable?

73, Bob N6WG

-----  
Date: Sat, 9 Nov 2002 16:00:17 EST  
From: K5BDZ@aol.com  
To: hqrp@stevens.com, qrp-1@lehigh.edu  
Cc: K5BDZ@aol.com  
Subject: [139724] FS/FT: QRP 20 watt linear amp kit  
Message-ID: <61.28f5a559.2afed161@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I know...I know.... 20 watts in the same breath as QRP is an oxymoron!

I have one (1) Ramsey 40 meter 20 watt linear amp kit - unbuilt, still in original package (1-2 watts input, 20 watts output according to Ramsey Kits). Model number QAMP40, as well as separate matching Ramsey enclosure kit.

Want to trade for a QRP xcvr, receiver or similar, working or not... or kit of some kind - of like value - or ????? :

The linear amp kit design is broadband input and band low pass filter output. Ramsey design of this basic kit is for 80, 40, or 20 meters, with apparently only the output filter being "band specific"... see their website for more info.

Any offers? I'm just north of Houston, Texas

Bill K5BDZ

Bill K5BDZ

-----  
Date: Sat, 09 Nov 2002 13:01:10 -0800  
From: Frank Brickle <brickle@pobox.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139725] Modern/Instant Classics?  
Message-ID: <3DCD7796.7000202@pobox.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii; format=flowed  
Content-transfer-encoding: 7BIT

After a lot of late-night time spent on 40 and 80 recently, which means working a higher-than-average number of guys running fine old rigs, I've started experiencing the early symptoms of boat-anchor fever.

This is not a good thing. So, sitting myself down this morning and trying to arrange arbitration between my better and worse halves, I concluded that the best compromise was to redirect the cravings towards more contemporary classics. And, surveying the scene, it looks very much like the true modern classics mostly happen to be QRP rigs.

So, here's a short partial list of the rigs that came to mind right away. Obviously incomplete and/or warped. Deliberately limited to transceivers.

K2  
NorCal 40  
SST  
PSK-20/Warbler  
Rock-Mite (instant classic, of course)

Guidance, please.

Thanks & 73  
Frank  
AB2KT/VE7

-----  
Date: Sat, 9 Nov 2002 16:06:17 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: <jamesd1@flash.net>  
Subject: [139726] Re: Limiting IF Amplifier and CW  
Message-ID: <000f01c28833\$d997a960\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm guessing that amplifying the noise more than the CW signal wouldn't really be going in the right direction.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "James R. Duffey" <jamesd1@flash.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Saturday, November 09, 2002 12:23 PM  
Subject: Limiting IF Amplifier and CW

> It seems to me that a limiting amplifier would be OK for CW

-----  
Date: Sat, 09 Nov 2002 12:12:49 -0900  
From: Jim Larsen - AL7FS <jimlarsen2002@alaska.net>  
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>  
Subject: [139727] Lost files  
Message-ID: <3DCD7A51.1F1D8161@alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I lost about 500K of files which included the URL for the Supplement to the Rock-Mite Instructions. Could one of you provide that info to me?  
Thank you.

73, Jim

--

Jim Larsen, AL7FS  
Anchorage, Alaska  
<http://www.qsl.net/al7fs/>

-----



Date: Sat, 9 Nov 2002 16:18:38 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: <w5yr@att.net>  
Subject: [139728] Re: Serious QRP-L List Problems  
Message-ID: <003401c28835\$93c06920\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

George,

Ahh yes, but the Internet isn't just a 'Large network'.

The Internet is as much about politics as it is about science. And that was really the point, perhaps a little too subtle.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "George, W5YR" <w5yr@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Saturday, November 09, 2002 1:22 PM  
Subject: Re: Serious QRP-L List Problems

> Sure you can, John. Large network behavior has been well studied and is  
> well understood as a statistical phenomenon.

-----

Date: Sat, 9 Nov 2002 16:28:58 -0500  
From: "Tom Frisz - N9DD" <N9DD@attbi.com>  
To: <qrp-l@lehigh.edu>  
Subject: [139729] RE: Serious QRP-L List Problems  
Message-ID: <000001c28837\$039d6260\$a266f70c@S0027618281>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a recent posting, Karl, K5DI said:

I'm now sure students at Lehigh University are working on their

list system and trying to get it fixed. I'm seeing my messages coming to the list about 3 hours later than I sent them. This means a human is trying to sort out what is going on. It should be relayed in about 2 minutes.

Hi Karl

I'm not sure why you feel the need to post on every thread that passes by QRP-L.

I've been subscribed to the list since the first year it existed. I doubt that I've posted more than 20 times in that period. I don't understand why some people feel their opinion is so important to whatever discussion is going on that they must post. I have no idea how long a message I post takes to get to QRP-L. It has been months since I've tried.

I use QRP-L to keep up to date on major happenings. I like to build, so I am always looking for posts about new kits, KD1JV and NorCal offerings, etc.

I don't mean to pick on you particularly. I just don't understand why there is a group of a dozen or so regulars that must always look for the chance to jump in and complain, or slam, or flame. It seems that those chances to do so are their reasons to be on QRP-L at all.

This list exists because we all have a fascination with radio -- especially at low power. Get on the air. No one really cares what you think or what I think unless we have something well thought out and based on solid background and experience to add. Interesting questions are always welcome by nearly everyone, I'm sure.

We could all post whatever thoughts came to our minds when we read the latest posting, but what a mess that would be!

73 and I hope to work you on the air,

Tom N9DD  
South Bend, IN

-----  
Date: Sat, 09 Nov 2002 12:33:32 -0900  
From: Jim Larsen - AL7FS <jimlarsen2002@alaska.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139730] Re: Lost files  
Message-ID: <3DCD7F2C.70A42779@alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ok, I kept on looking and found it in the QRP-L messages online on the  
QRP-L Archive By Date page at  
<http://listserv.lehigh.edu/lists/Archives/qrp-l/date.html>

Thanks in advance to those that respond before this message gets to the  
list.

73, Jim  
Jim Larsen, AL7FS  
Anchorage, Alaska  
<http://www.qsl.net/al7fs/>

Jim Larsen - AL7FS wrote:  
> I lost about 500K of files which included the URL for the Supplement to  
> the Rock-Mite Instructions. Could one of you provide that info to me?  
--

-----  
Date: Sat, 09 Nov 2002 13:28:49 -0800  
From: "Richard Johnson" <richard\_johnson@credence.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139731] Beacon Question  
Message-ID: <3DCD7E11.B3925001@credence.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have read about "beacons" on several list postings.

Are there CW beacons in the world that continuously transmit?  
At what power levels?  
What are their locations?  
Who owns, operates and maintains them?  
Is there a list of these beacons?

cheers,  
rich

-----  
Date: Sat, 9 Nov 2002 16:35:47 -0500 (EST)  
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: "John J. McDonough" <wb8rcr@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139732] Re: Serious QRP-L List Problems  
Message-ID: <Pine.LNX.4.44.0211091633470.28213-1000000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Remember when e-mail "wasn't reliable?"

Oh wait, it's still not.

If you want to be sure a message gets through, use the radio or the phone where you have near-immediate handshaking.

If I had a quarter for every time I have said or heard, "my e-mail system is a bit flaky..."

...well...

I'd have enough to buy a nice dinner for me and the Mrs.

On Sat, 9 Nov 2002, John J. McDonough wrote:

> George,  
>  
> Ahh yes, but the Internet isn't just a 'Large network'.  
>  
> The Internet is as much about politics as it is about science. And that was  
> really the point, perhaps a little too subtle.  
>  
> 72/73 de WB8RCR <http://www.qsl.net/wb8rcr>  
> didileydadidah QRP-L #1446 Code Warriors #35  
>  
> ----- Original Message -----  
> From: "George, W5YR" <w5yr@att.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Saturday, November 09, 2002 1:22 PM  
> Subject: Re: Serious QRP-L List Problems  
>

>  
> > Sure you can, John. Large network behavior has been well studied and is  
> > well understood as a statistical phenomenon.  
>

--

Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

-----  
Date: Sat, 9 Nov 2002 16:48:26 -0500  
From: John Zaruba Jr <jzaruba@mac.com>  
To: richard\_johnson@credence.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139733] Re: Beacon Question  
Message-ID: <FA151536-F42C-11D6-87C6-003065C74F1A@mac.com>  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Mime-Version: 1.0 (Apple Message framework v546)  
Content-Transfer-Encoding: 7bit

Richard,

Check out

<http://www.ncdxf.org>

The Northern California DX Association runs a world wide network of  
synchronized CW beacons. Extremely useful for determining propagation  
conditions. More info at their site.

73,

John AA2BN

-----  
Date: Sat, 9 Nov 2002 16:50:30 -0500  
From: "Brian" <brian@iquest.net>  
To: <richard\_johnson@credence.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139734] Re: Beacon Question  
Message-ID: <003d01c2883a\$06aa25d0\$3a6b2bd1@bmurrey2K>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

We just covered this in the "Bacon Bits" newsletter in October so I have the info fresh in my mind.

<http://www.ncdxf.org/beacon/beaconSchedule.htm>

All you need to know about beacons...I think.

73

=====  
KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

----- Original Message -----

From: "Richard Johnson" <[richard\\_johnson@credence.com](mailto:richard_johnson@credence.com)>  
To: "Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Sent: Saturday, November 09, 2002 4:28 PM  
Subject: Beacon Question

> I have read about "beacons" on several list postings.  
>  
> Are there CW beacons in the world that continuously transmit?  
> At what power levels?  
> What are their locations?  
> Who owns, operates and maintains them?  
> Is there a list of these beacons?  
>  
> cheers,  
> rich  
>  
>  
>

-----

Date: Sat, 09 Nov 2002 16:59:00 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: richard\_johnson@credence.com,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139735] Re: Beacon Question  
Message-ID: <3DCD3ED4.17939.510CBA2@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 9 Nov 2002 at 13:28, Richard Johnson wrote:

> I have read about "becons" on several list postings.  
>  
> Are there CW beacons in the world that continuously transmit?  
> At what power levels?  
> What are their locations?  
> Who owns, operates and maintains them?  
> Is there a list of these beacons?  
>  
> cheers,  
> rich  
>  
>

Check out:

<http://www.ncdxf.org/beacon.htm>

All the info from the "horse's mouth."

---

+++++ John L. Sielke  
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]  
+++++ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----

Date: Sat, 9 Nov 2002 16:06:53 -0600  
From: "Pat J. Whelton" <pwhelton@hal-pc.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139736] Re: Beacon Question  
Message-ID: <009001c2883c\$50ce2e20\$2c41fea9@halpc.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

A more beneficial question would be "Are there any beacons that fall in the frequency range of a K1?" Since my K1 only goes up to about 14.080 the beacon at 14.100 is useless.

----- Original Message -----

From: "Richard Johnson" <richard\_johnson@credence.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Saturday, November 09, 2002 3:28 PM  
Subject: Beacon Question

> I have read about "beacons" on several list postings.  
>  
> Are there CW beacons in the world that continuously transmit?  
> At what power levels?  
> What are their locations?  
> Who owns, operates and maintains them?  
> Is there a list of these beacons?  
>  
> cheers,  
> rich  
>

-----  
Date: Sat, 09 Nov 2002 17:58:38 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: jamesd1@flash.net  
Cc: qrp-1@lehigh.edu  
Subject: [139737] Re: Limiting IF Amplifiers and CW  
Message-ID: <3.0.6.32.20021109175838.007be4a0@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

James, et all,

I did actually try it once. Figured if I was going to use the mixer in the chip, why not use the IF amp too? Seemed like a waste not to.

Well, it did work. One interesting effect is the limiting amp kinda works like an AGC, all the signals come out at the same level, unless thier pretty weak. That wasn't a bad thing.

On the down side, there is always a high level of noise coming out of the limiting amp too. Doesn't take much noise coming into the amp to drive it



into limiting. This constant background noise was somewhat irritating and will soon drive you nuts. So, I said nuts on this, lets just use a SA612 or two and be done with it!

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Sat, 09 Nov 2002 17:37:51 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [139738] KITS: Intelligent (uP based) battery volt monitor  
Message-ID: <3.0.6.32.20021109173751.007b2410@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Just uploaded some info on the battery voltage monitor to my web page, so you can see what your buying, hi. Could still use a few more orders for this "quckie" kit, so please take a look :-)

<http://www.qsl.net/kd1jv/ibm.HTM>  
72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Sat, 09 Nov 2002 18:48:13 EST  
From: n5ib@juno.com  
To: qrp-l@lehigh.edu  
Subject: [139739] FS - TenTec Omni D  
Message-ID: <20021109.174700.9895.4.n5ib@juno.com>

I'm posting this for a fellow Cajun Thunder Foxhunter

-----snip-----

TEN-TEC Omni-D with the 30 m kit installed, TEN-TEC just rebuilt the PTO and brought the rig back to factory specifications. I am selling it with the matching power supply. All equipment is in first class condition. \$350 shipped in the continental US

Contact Wayne, N5YFC, e-mail <wayjan@bellsouth.net>

Reason for sale? - have a Jupiter !

-----  
snip-----

72  
Jim N5IB

-----  
Sign Up for Juno Platinum Internet Access Today  
Only \$9.95 per month!  
Visit [www.juno.com](http://www.juno.com)

-----  
End of QRP-L Digest 2735  
\*\*\*\*\*  
-----